

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.







#### HERMOSSISSIMUS

(Three-fifths Natural Size)

The Orchid Cacti are good plants for the window garden, blooming freely during April, May and June. Though the flowers are very large, the plants may be kept in 4 or 5 inch pots. Almost all of them are spineless. They are not desert plants but come from the forests of Mexico and Central America where they grow perched up in the trees along with Orchids and Ferns. They like partial shade and more water than ordinary cacti. Several flowers are borne on each flat upright "leaf." Hermosissimus is one of the loveliest flowers I know.

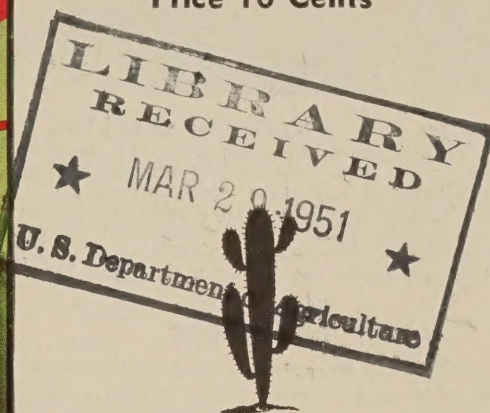
**\$1.25**

Well rooted plants, each.....

**Latest News**  
from

## CACTUS LAND

Price 10 Cents



**1951**

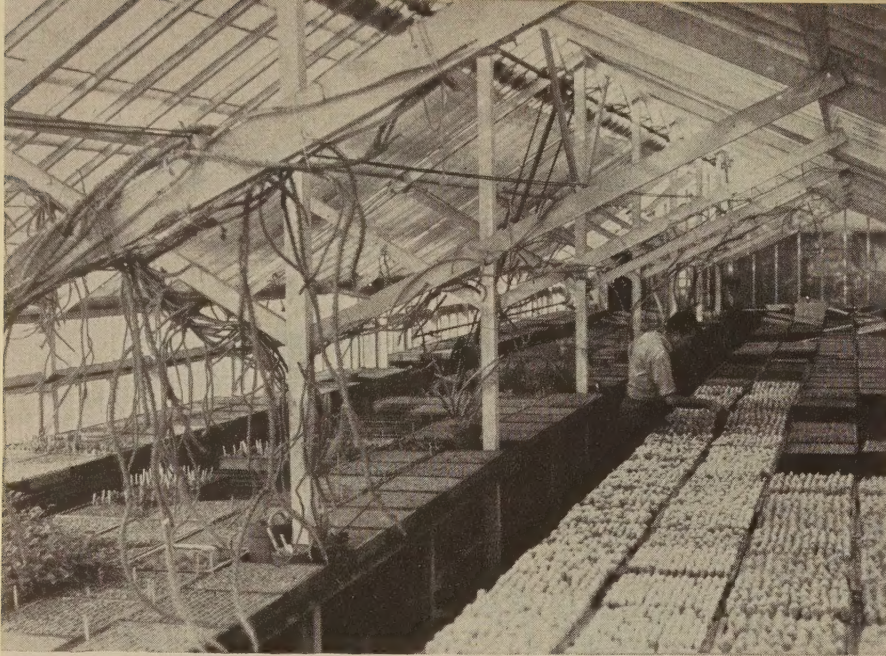
OUR collection of Cacti and Succulents is one of the largest in the world both in point of species and genera, and also in number, for our stocks contain over two million plants. It is the result of over 40 years of collecting and exploration. New species are continually being received from the wilds and also from friends and fellow collectors all over the world. For further listings I refer you to our Diamond Jubilee Cactus Handbook, 48 pages of cactus lore. Price 50 cents.

# JOHNSON CACTUS GARDENS

Nurseries at Paramount, California







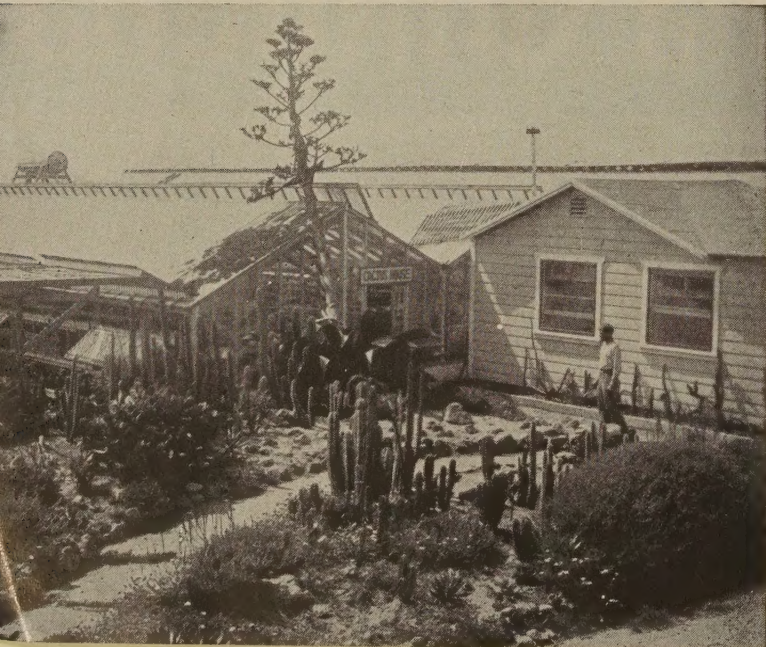
#### VIEW IN SEEDLING GREENHOUSE

Young cacti from the time the seed is sown until they are ready for their first "pricking off" or transplanting require far more moisture and care than at any other time during their lives. After the seed is germinated it is brought into this drier house and when ready transplanted into boxes called "flats" which you see on the benches. The plants in the foreground are Espostoas (Peruvian Old Man) and Snowball Cactus. The climbing cacti are Selenicereus and Weberocereus.

#### 1876-1951

This year completes our 75th year as a nursery and 30 years since I first gingerly took over the reins. Our first exhibit was in the International Exposition, 1876, where we were given a Certificate of Award for a display of aquatics. Our first large catalog was published in 1881 and dealt with aquatics and greenhouse subjects. The nursery was at this time in Bordentown, N. J. In 1894 it was moved to Hollywood, California, which then consisted principally of orange and lemon groves. The old nursery, situated at the mouth of the Fern Dell in what is now Griffith Park, was a favorite rendezvous of such plant lovers as Paul de Longpre, the famous flower painter; Judge Silent and Ernest Branton. In 1921 we moved to Hynes, now renamed Paramount, to have more room for expansion. During the past 30 years we have continued to develop our two specialties, Water Lilies and Cacti. It would be hard to find two plant groups more antipathetic.

The fascinating thing about working with plants is that there is always more to learn. Even about the simple things that one perhaps has done a thousand times. Every year one learns how to do something better, some new angle on propagating a refractory plant, some way to get certain seeds to germinate, some way to coax a plant to bloom. If plants could be hammered out like rivets, all the fun would be gone and such satisfaction is just about the greatest dividend the plantsman can receive.



#### DIAMOND JUBILEE CACTUS HANDBOOK

To celebrate our 75th year we are publishing a more complete listing of rare and unusual plants. The catalog also contains more articles on culture, nomenclature, on plants in the wilds, etc. 48 pages well illustrated in color and with many photographs. Price 50c.

#### TERMS

**I guarantee safe delivery anywhere in the United States or Canada.**

**FREE DELIVERY** of all orders amounting to \$2 or more. Canadian minimum \$5.

**BONUS.** Since our break-even point is almost \$3 we gladly give a 10 per cent plant bonus on all plant orders of \$3 or more.

**50 cents packing charge** on all orders of less than \$2.

**December shipments** only by express at customer's expense except the Pacific Coast States and also Utah, Nevada, Arizona, New Mexico and Texas, where shipments by parcel post can go through.

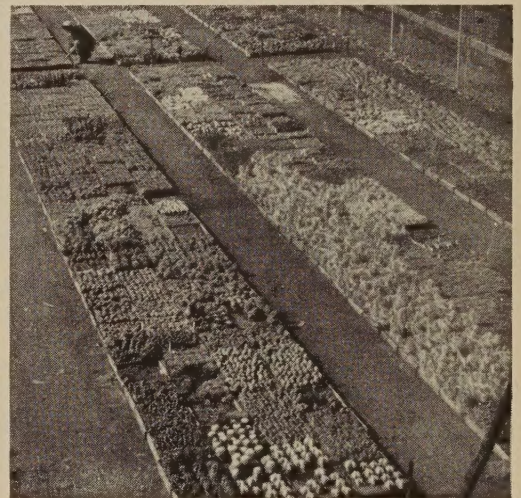
**OUR GUARANTEE** is for safe delivery only. We cannot undertake to make good plants lost by improper care. If for any reason plants are not received in good condition we will give credit for the damaged items if notified at once. Satisfied customers are our greatest asset.

**At left:** Our gardens are open to the public from 8 a.m. to 5 p.m. throughout the year. As we have some 25,000 square feet of glass, together with lathhouses and thousands of flats outside, there is considerable for the fancier to see. Also from March till October the Water Lily pools are ablaze with blossoms. The greatest number of Cacti are in bloom during the spring months when the Orchid Cacti, the Easter Lily Cacti, Echinocereus, Trichocereus, Notocactus, Parodias and the brilliant Lobivias are at their best. However, at every season the fancier will find much to interest him.

#### OUR CACTUS COLLECTION

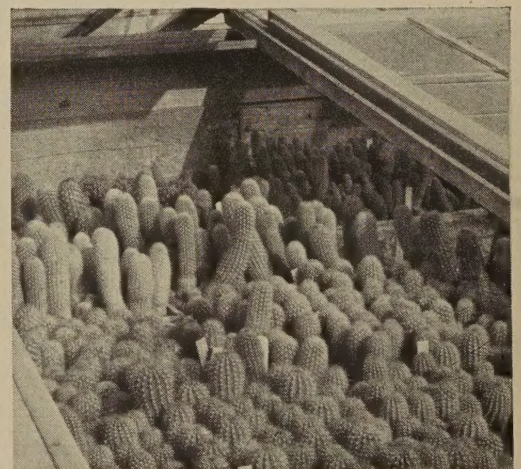
We have added considerably to our collection of rare Cacti and Succulents in the past few years. Collectors in Mexico, Central and South America and in South Africa have been finding new plants or sending in new supplies of long-lost or little known species. Unfortunately, sometimes only a single specimen may be received which always poses the question of propagation which may prove very slow. One may receive plants from several sources which turn out to be different, or plants under different names which prove to be the same. The phase of botany known as taxonomy (the naming of plants) is not an exact science. There are rules which govern the precedence of names, etc., but none which more than guide a man's judgment as to what is a species or a genus. Botanists are highly individualistic and no two have ever been known to wholly agree! Thus one man may see small differences which separate plants and so describe a new species, while to another these differences do not constitute even a variety but only local forms. Just which is right is a matter of opinion. In our catalog we do not try to settle these questions, but if from the collector's or grower's standpoint there is a valid difference, we accept the most commonly known name. We do not want to confuse our patrons by continually changing names. Thus we retain genera such as Chilenia which are not valid but which constitute from the collector's standpoint an entity of similar plants different in habit from the rest of the Neoporterias. This is of course arbitrary and does not at all coincide with my own personal views. When one is offering plants for sale one must draw a line somewhere between the common convenience of all and the hair-splitting of the specialist. While my own reaction is that there is far too much hair-splitting (which the collector in the field can easily detect) and am more inclined to agree with the so-called "lumpers," yet to follow either course to the bitter end brings confusion.

This year we have some very fine plants to offer, with many blooming sizes for those patrons who enjoy seeing their plants in bloom. Last year we were very pleased at the great number of plants we were able to send in bud or flower.



#### OUTDOOR CACTI

One of our "flat yards" where larger plants are grown for flowering. Here they grow under as near natural conditions as possible, developing sturdy root systems and having a good winter's rest, thus getting a fine start for the spring and summer flowering. We have many thousands of these plants, all more than three years old.



#### CACTUS COLD FRAMES

The plants shown here are the bright spined Peruvocereus and Haageocereus. When the plants have reached a degree of size and hardiness in the seedling houses, they are moved to these frames where they get a greater degree of heat and light and air. Clean, bright spined, strong rooted plants result.



# Mamillarias

## or Pincushion Cacti

FOR window gardens no other group excels the lovely Pincushion Cacti. They are easy to grow and to flower and always present a cheerful appearance. There is an infinite variety of them and most may be grown to flowering size in a three-inch pot. The flowers of some of the prettiest appear in the winter, the bright red petals nestling in the snowy, cottony puffs which appear at flowering time in rings about the crown. Some seem to be in flower almost all the year. The fruits of many are bright red and spring forth red-ripe almost within a day. They are found chiefly in Mexico growing on the mountains and plateaus or clinging to canyon walls. Some are solitary, some clustering and some form great mounds of a hundred heads, each pressed so closely to its neighbor as to be hexagonal. The spines of none are very sharp or wicked. Some bear silvery white spines so intricately locked the green plant beneath cannot be seen; others have golden stars tipping each small nipple, some bear long, silky hair, others are like cotton bolls, and one bears "feathers" as soft and white as eiderdown. Some, as Golden Stars and Thimble, shortly begin to cluster, some flower almost the first year from seed, though generally they take two to three years. Most of the plants we sell are two to three years old, the larger sizes often many more. The white or golden spined species are to my mind the prettiest though the vivid blossoms of the Flame Pincushion, the Rose Pincushion, Ruby Dumpling, etc., are lovely for long months.

**Culture.** The great majority of Mamillarias require no special care and thrive if given the same treatment as your other cacti. A soil of 1 part loam, 1 part gritty sand, 1 part leafmold suits them well. If the loam used is sticky, double the amount of sand. Give them a sunny location in the window and plenty of fresh air whenever possible. Water lightly, never saturate Cacti and Succulents, so the soil dries out in

about five days. After watering open the window if not too cold or inclement, particularly for the first few weeks after planting. When planting, spread the roots out and sift the soil among them, tapping the pot on the table to settle the soil and pressing with your thumb. Pot firmly but don't ram the soil down hard. You will be surprised at what a successful gardener you will shortly become.

### GENERAL LISTING

**Mamillaria aureihamata.** A rare species of the Powder Puff group. Spines vary from pale yellow to reddish. 1"-2", 75c and 50c

**Mam. Bertrandii.** A rare species, 1"-1½" 50c

**Mam. bombycina.** One of the loveliest of all. The Silken Pincushion has white wool, yellow spines, pink blossoms. Beautiful, 2". Each ..... 75c  
3"-4" ..... \$1.25

**Mam. Celsiana.** Handsome. Yellow spines. 1". Each ..... 35c

**Mam. calacantha.** Very fine. 1" ..... 25c

**Mam. centricirrha.** Large growing. 1"-1½" ..... 35c

**Mam. cephalophora.** Rare and handsome. Small flowering ..... 75c

**Mam. caput medusae.** 1" ..... 35c

**Mam. carnea.** 1½". Nice ..... 35c

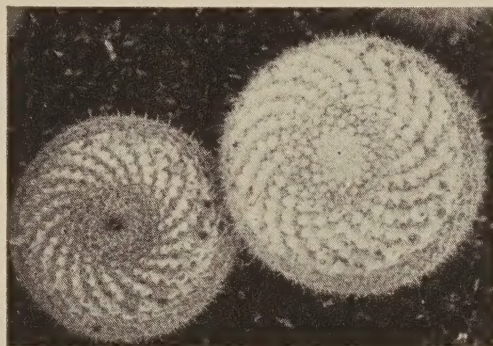
**Mam. decipiens.** Cluster forming ..... 25c

**Mam. dealbata.** White spines. Large flowering plants, 4"-5" ..... \$1.00

**Mam. ebenecantha.** 1" ..... 35c

**Mam. echinata.** Lovely yellow spines ..... 35c

**Mam. elegans.** 2"-3" flowering specimens ..... 75c



### DIADEM CACTUS

Don't fail to have this lovely winter flowering cactus. The bright red flowers are a beautiful crown nestling amongst the white hair and spines. The flowering areoles of Mamillaria Werdermanniana are full of snow white wool. They flower in mid-winter and always attract the greatest attention among our visitors. 35c  
Small flowering size 50c. Nice plants.....

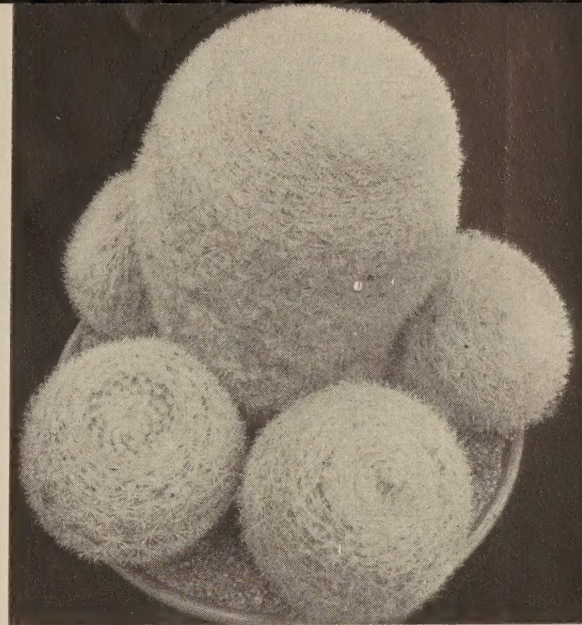
**Mam. formosa.** 1" ..... 35c

**Mam. fuliginosa.** 1" ..... 35c

**Mam. Galleotii.** Orange red flowers. 2"-2½" ..... 50c

**Mam. hidalgensis.** Red flowers, 1" ..... 25c

**Mam. Hoffmanniana.** 1" ..... 35c



### SNOWBALL PINCUSHION

An exquisite plant of purest white Mamillaria candida forms nice specimen clusters. One of the loveliest of white spined cacti. Likes a sandy soil and plenty of light. Nice plants, each..... 50c

**Mam. Haseltonii.** Like Hahniana ..... 50c

**Mam. Johnstonii.** Rare ..... 50c

**Mam. Kelleriana.** 1" ..... 35c

**Mam. Kunzeana.** Cottony white ..... 35c

**Mam. Lloydii.** 1½" flowering ..... 50c

**Mamillaria magnimamma** ..... 35c

**Mam. microhelia.** Beautiful ..... 35c

**Mam. microheliopsis** ..... 35c

**Mam. neopotosina.** 1" ..... 35c

**Mam. nigra.** Tall growing ..... 35c

**Mam. ocotillensis.** Rare. 1" ..... 35c

**Mam. perbella.** 2½"-3", 2-4 heads ..... \$1.00

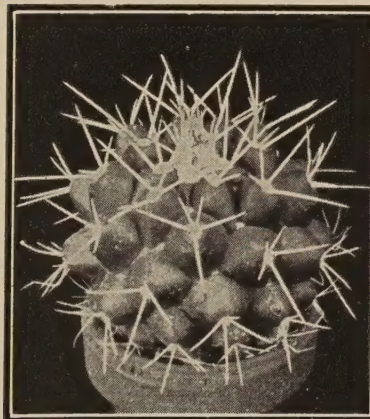
**Mam. psuedocrucigera.** 3", 2-4 heads ..... \$1.25

**Mam. pentacantha.** 1"-2" ..... 35c



### AN INDIAN CACTUS GARDEN

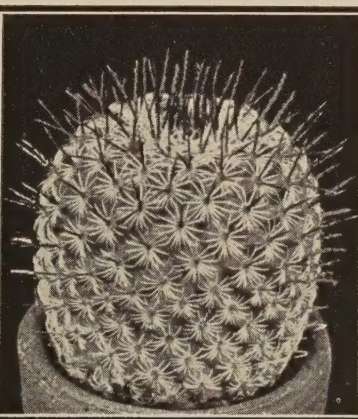
A Moslem friend, Rao Saheb Uttamlal Muljibhai, sends this photograph of his fine cactus collection. We have many collectors also in Siam, Hongkong and the Philippines.



### MOTHER OF HUNDREDS

Mamillaria compressa

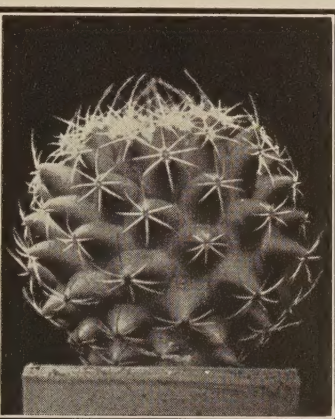
A pretty variety with white spines and brilliant ruby-red blossoms embedded in puffs of white cotton, giving the plant the appearance of being covered with snow. It branches eventually, forming close packed mounds with scores of heads. Flowers in winter. 2", 50c. Nice..... 25c



### VAUPEL'S PINCUSHION

Mamillaria Vaupelii

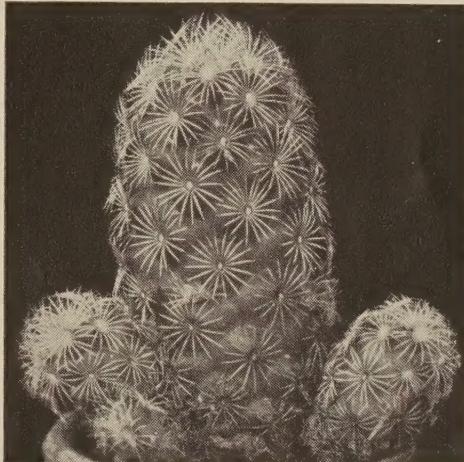
One of the prettiest of the smaller, richly colored Pincushions. Beautiful when the sun is shining through the glossy amber spines! The plants are solitary and may eventually reach 3" across. A Mexican species. 2", 60c. Nice..... 35c



### PINCUSHION

Mamillaria kewensis

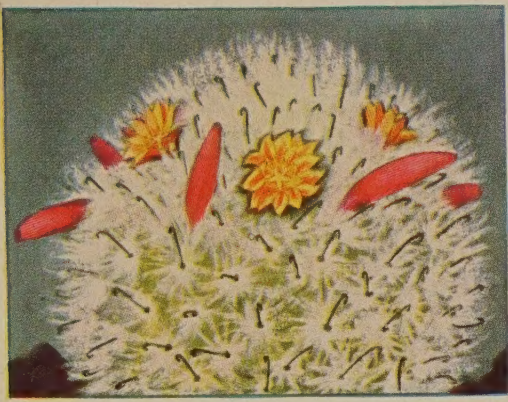
A rapid growing species often reaching a foot in height. At first solitary it may branch with age. The plant is dark green with dark radial spines. At blooming time the head is covered with white wool. 3"-4" flowering specimens 75c. 1" ..... 30c



### GOLDEN STARS

The lovely, popular Mamillaria elongata should be in every collection. Each nipple is tipped with a shining Golden Star. Easily grown, branching freely. Specimens easily reach 6" with 100 arms. Sandy soil, sun or partial shade. Large 4" several heads, 50c. Small branched, 35c. Single..... 25c





#### POWDER PUFF (*Mamillaria bocasana*)

Like a bursting cotton ball, this little plant is clothed with silky, snow-white hair instead of spines, though it bears one tiny hooked one on each slender nipple. Bears cream colored flowers and very attractive bright red, curved seed pods. A jewel among cacti. Very easy to grow with sun or partial shade, moderate waterings. Nice plants to 1½ inches, 35c. 2 inch flowering, 50c. Nice.....

25c



#### LADY FINGERS

*Mamillaria elongata Schmollii*

A dainty gem and so easy to grow. Each little plant is a bright mosaic of rich golden, harmless spines. Quickly forms fine specimens. Nice clusters, 35c and 50c. Single.....

25c

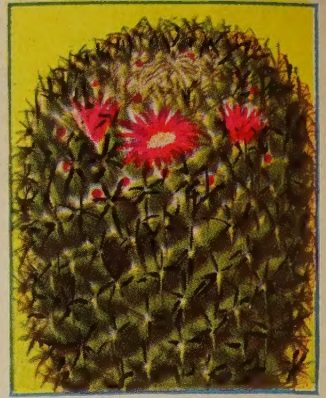


#### THIMBLE CACTUS

*Mamillaria fragilis*

Like the "old woman who lived in a shoe," this little cactus has more children than she knows what to do with. Pure white, harmless spines and every little baby will quickly grow. Each.....

25c



#### RUBY DUMPLING

*Mamillaria tetraacantha*

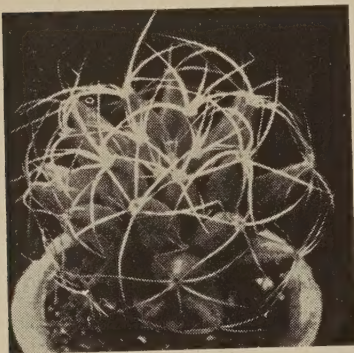
A quick growing cactus with bright crimson flowers and, with maturity, a hoary white head. It has long been a favorite. 1½-in., 35c. Large flowering specimens, \$1. Nice 1-in.....

25c

### MEXICAN JEWEL COLLECTION No. T1.

These four pretty and easily grown Pincushions may be planted in individual 2 or 3 inch pots or may be planted together in a small ornamental dish 4 to 5 inches in diameter for a Dish Garden. The set, postpaid.....

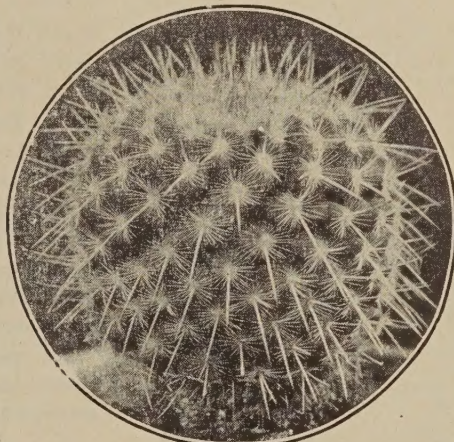
90c



#### BIRD'S NEST

Feathery yellow spines that are papery, soft and harmless. *Mamillaria camptotricha* is much given to clustering. Likes moisture. Large flowering, 50c. 3 years old, 35c. Small.....

25c



#### OWLS EYES

Short, pure white spines. The heads of *Mamillaria Parkinsonii* divide into 2 to 4 heads, making interesting specimens. Fine plants, 2" 50c. Smaller 35c and.....

25c



#### GRAPE CACTUS

A dainty tiny cactus bearing an endless number of "pups," each one of which will grow. *Mamillaria multiceps* grows in sun or shade. Clusters.....

25c



#### BUTTER PINCUSHION

Lovely large, shining yellow blossoms. *Dolichochele sphaerica* bears long nipples which grow if planted. It forms nice clusters and blooms freely if well rested in a cool room. Nice 3 year old plants, 35c and.....

25c



#### MAMILLARIA SCHMOLLII

A dwarf, white, clustered species. Handsome small specimens, 2"-2½", 50c. Nice.....

35c

#### CORAL CACTUS

The Coral Cactus is one of the prettiest of all with its circlet of coral red berries and charming cream flowers. The berries burst forth ripe and scarlet, taking only a day or so to appear. Mature fruiting, 2"-3" specimens.....

50c

- Mamillaria Parkinsonii brevispina*. Fine, 50c and ..... 35c
- Mam. Pottsii*. Rare..... 50c
- Mam. pseudoperbella*. Lovely white..... 35c
- Mam. pygmaea*. Choice. Very free flowering. Fruits scarlet ..... 25c
- Mam. pyrrocephala*. A very fine summer and winter bloomer. Flowers large, brilliant ruby red ..... 25c
- Mam. phymatothele*. 1 inch..... 35c
- Mam. rhodantha*. Rainbow Pincushion. A very handsome plant. Flowers red. Spines vary from yellow to red. \$1, 50c and..... 35c
- Mam. rhodantha sulphurea*. Handsome pale yellow spines ..... 35c
- Mam. Ritteriana*. Rare, 1 inch..... 35c



#### MAM. RHODANTHA CHRYSACANTHA

A quick growing variety with yellowish spines and bright, red-pink flowers. They are handsome specimen plants, eventually becoming clustered. Two inch specimens, 50c. 1"-1½".....

35c

### CACTUS AND SUCCULENT JOURNAL

Read about your plants in this fascinating magazine. Many pictures and articles about your plants in the wilds. Cultural notes. Questions and answers columns. The finest magazine in the world devoted to our hobby. Per year \$3.00

#### BEGINNER'S ASSORTMENT

12 Fine plants for the window garden. A really nice group to start with. We feel this assortment will introduce you to our quality plants and that you will want more as gifts to your friends. Unlabeled. With an order totaling \$3.50 we will mail this separately to friends for.....

\$1.50

#### OLD LADY CACTUS

*Mamillaria Hahniana* is always a show specimen. The snowy hair increases in length and thickness with age. Easy to grow in a sunny window. Christmas blooming. Blooming 3"-3½" specimens \$1.00; 2" blooming 75c. Nice 1½".....

50c



#### ROSE PINCUSHION

*Mamillaria Zeilmanniana*

One of the best blooming of all cacti. In the early spring it bears its cheerful, dainty, dark pink blossoms in great abundance. They are large, and even small plants bear a circlet. 50c and 35c





# ORCHID CACTI

## or

### Epiphyllums

THE largest flowered and most brilliant of all plants that may be successfully grown as house plants. The Epiphyllums we grow today have been greatly hybridized and during the past 50 years literally hundreds of new varieties have been raised. Their colors are remarkably clear and bright and run the gamut from white, white and gold, pink, orange, scarlet, crimson and glorious bi-colors with glowing electric violet throats and red petals. The flowers now last several days and even Orchids pale beside their vivid coloring. They are not desert plants but are found in Mexican or Central American forests either growing on rocks or high among the branches.

They vary considerably in shape, some starry with cupped center petals, others bowl shaped, while some are massive with ruffled overlapping petals, the center a cascade of snowy, thread-like stamens. In size they range from four inches to as much as ten inches in diameter. With proper care they are astoundingly free in flower and quite at home in the window garden.

**Culture.** In general they should be treated as one would a Begonia or even a Geranium. They enjoy a soil of 1 part loam, 2 parts sand, 2 parts leafmold. Almost any soil that drains quickly and has a good proportion of humus suits them. Do not overpot them. A 4-inch pot for their first potting is ample. Spread the roots well and distribute the soil, tapping the pot and firming well with the thumb. Water lightly after potting and give as much fresh air as you can. They should be allowed to almost dry out before watering again. Never keep them wet for any length of time. Shift to the next size pot when full of roots. They like some sun but in summer shade from the midday rays. They winter well where night temperatures are above 45°. In California they are safe above 26°. They flower in April, May and June.

**Oriole.** Very lovely with contrasting yellow and white petals. Each.....75c

**Hermosus.** Strikingly beautiful. Brilliant blue-purple throat with bright red outer petals. Each.....\$1.00

**Valencia.** Very free blooming. Inner petals orange yellow darkening to red, with touch of violet in throat.....75c

**Bliss.** Pastel orange, inner petals rounded, outer petals slender. Good grower.....85c

**Stern von Erlau.** Bronzy orange with red on outer lustrous petals.....85c

**Sun Goddess.** 10-in. flower, brilliant burnt orange with golden sheen. Violet throat.....\$1.00

**Moonrise.** Lovely large white blossom. Outer petals rich saffron yellow. Fragrant.....75c

**Viviana.** Red-purple blossoms of medium size. Good basket plant.....75c

**Peacockii.** A noble flower of vivid carmine red with luminescent violet-blue throat.....\$1.00

**Friederich Werner-Buel.** 10" fragrant flowers. Petals violet with orange-red center stripe.....90c

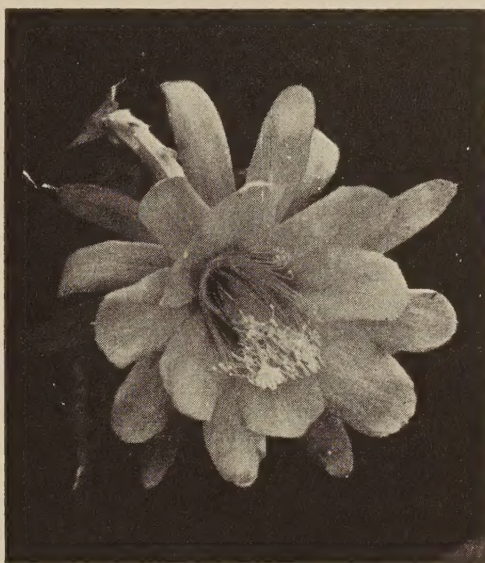
**Marseillaise.** Crimson center stripe with lilac edges. Outer petals crimson. Fragrant.....85c

**Conways Giant.** Crimson petals with violet shadings in the throat. Very fine.....85c



**GLORIA**  
(Two-fifths Natural Size)

A magnificent variety with gorgeous flame colored flowers 9 inches across. Its season of bloom is one of the longest, flowers being found from April till August. Very easy to succeed with. I think it one of the outstanding varieties and recommend it to my patrons.  
Plants, each.....75c



**AGATHA**

A singularly beautiful variety with perfectly formed flowers. The color is rich, warm, pastel pink, difficult to describe the center having an eye of darker red-pink. Plant short stemmed and sturdy.  
Each.....75c

**THANKSGIVING CACTUS**

A hybrid Christmas Cactus with salmon-pink blossoms borne in November and December. A very choice and pretty plant.  
Each.....75c

**SNOWDROP CACTUS**

The charming Rhipsalis Houlletiana has graceful, arching, flat stems and bears an abundance of white, bell-shaped blossoms. A well grown plant in bloom is a lovely sight. An old favorite and always scarce. Shade and moisture. Each.....50c

## RAINBOW COLLECTION

### Collection No. T 2

3 Beautiful Orchid Cacti selected for their brightness. A fine group to start with. Our selection—

Bright Red      Lovely Pink  
White and Gold

Correctly labeled.  
The three for.....\$2.00



**CHIAPASIA NELSONII**

Related to the Orchid Cacti, it bears bright violet-pink blossoms in abundance during the spring. A lovely graceful plant. It prefers a sandy soil with a very little crumbly loam and quite a bit of leafmold. Give it a cool situation with shade, but plenty of light and moisture.  
Each.....\$1.00



**CHRISTMAS CACTUS**

The beautiful Fuchsia-like blossoms of Zygocactus truncatus are seen from November to March when other flowers are scarce. Easy to grow in light sandy soil with leafmold. Do not allow to get too dry. Native to the cool, moist mountains of southern Brazil. Nice plants, 3"-5", 75c  
Two years old, 2½", each.....50c



**PROFESSOR EBERT**

A very lovely free-blooming variety with flowers of bright violet-carmine. A good sturdy plant with triangular bright green stems and quite sure to flower. An attractive, upright growing plant bearing its flowers boldly. Petals overlapping, flower of fine form.....90c





**OLD MAN OPUNTIA**

White-haired stems.  
Nice.....

30c

# OPUNTIA

THE Opuntias grow very easily and are the most widely known of the cacti. Many bear edible fruits and many have strikingly beautiful flowers. There are hundreds of different kinds, some with flat pads, others with cane-like joints. Some are tall trees, others low mats. Some, like the Old Man Opuntia, bear woolly white hair. They all have considerable decorative value. Every window garden should have some. They are found from Canada almost throughout the United States and south to Argentina and from the coast to over 15,000 feet in the Andes.

**Culture:** They prefer a loose, sandy soil, watering lightly whenever dry. Give them a light or quite sunny window.

**Consolea rubescens**—A very handsome spineless plant with mahogany or almost black-green, shiny, flat "leaves" with light areoles. The "leaves" keep growing indefinitely in length. Charming at all times. Nice plants, each.....

40c

**Consolea falcata**—A very spiny plant with shining, bright green pads. Eventually forms a round trunked tree.....

40c

**Quiabentia chacoensis**—A curious Opuntiad from Paraguay. Very spiny. Each.....

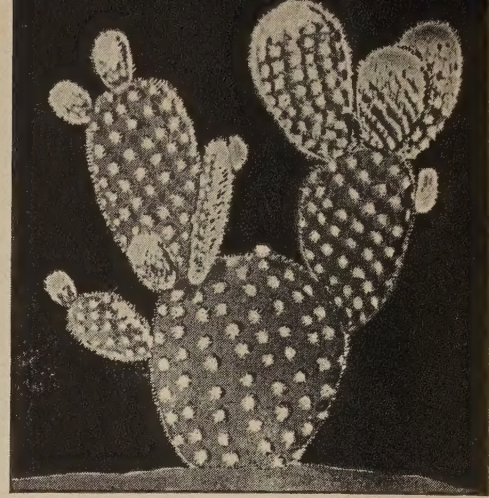
50c

**Opuntia bulbispina.** Small growing.....

35c

**Opuntia Santa Rita.** Dollar Cactus. Handsome yellow flowers.....

35c

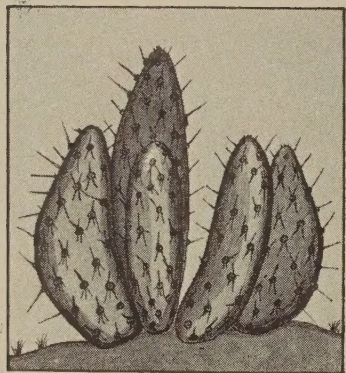


**ANGEL WINGS**

A dainty little plant that has no stickers. The tiny pads are covered with snow-white glochids. Branches freely and remains dwarf, the pure white cushions showing brightly against the green stems. Very easy to grow.

25c

Branched plants.....



**DOMINOES**

Quite dwarf, *Opuntia erectoclada* is one of the most interesting. You will surely want it. Nice branched plants.....

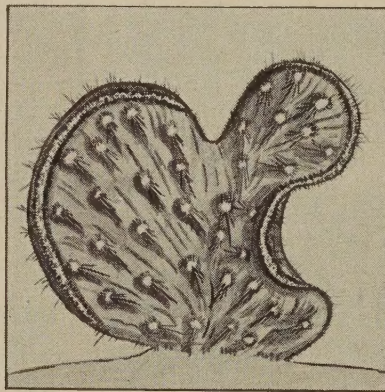
25c



**LEMON VINE**

A true cactus, it bears large, shining green leaves and waxy, lemon scented white blossoms. *Pereskia aculeata* is a vine often used as a stock to graft Christmas Cactus. In shipping they often drop their leaves which does not hurt them. Potted.....

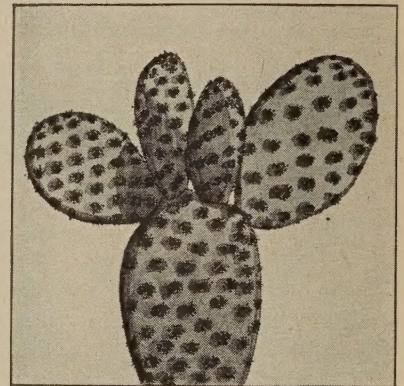
30c



**CRESTED OPUNTIA**

Crested forms of cacti are amongst the most interesting of all. *Opuntia serpentina cristata* never loses its cockscomb growth. Nice 2" to 3" crests, each.....

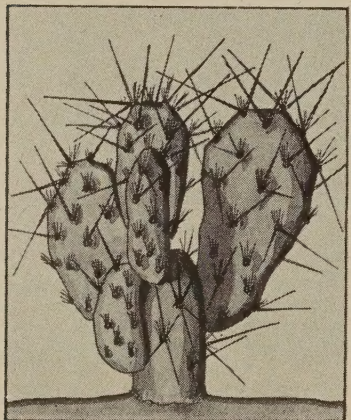
35c



**CINNAMON CACTUS**

Rich cinnamon-brown glochids against dark green pads. *Opuntia rufida* grows easily and is much used in dish gardens. Branched plants.....

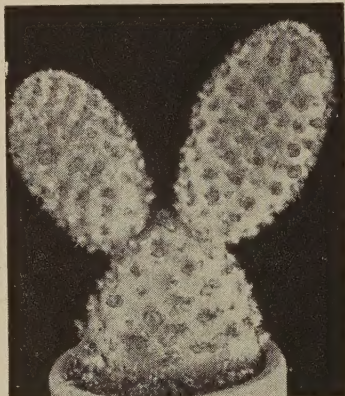
25c



**FAIRY NEEDLES**

A pretty, lively green, dwarf species. *Opuntia Soehrensii* is from Bolivia. Long, slim yellow spines on older pads. Branched.....

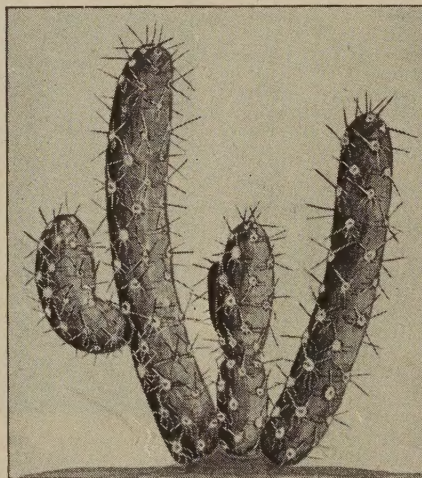
35c



**BUNNY EARS**

An old favorite with golden yellow glochids. Our plants are dwarf and well eared. Grows easily.....

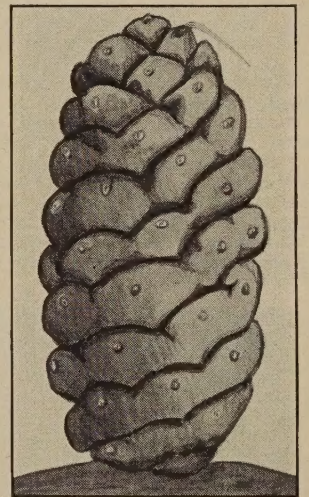
25c



**OPUNTIA TERES**

In the spring it bears many small leaves. Nice plants.....

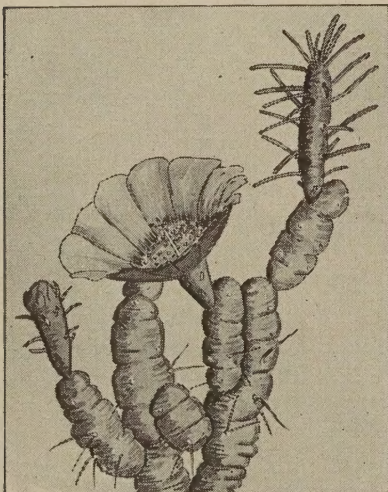
30c



**SPRUCE CONES**

The curious cane-like joints of *Tephrocactus strobiliformis* look like some weird growth from Mars. An intriguing novelty Very pretty. Nice.....

35c



**CACTUS FOOD**

A good food for cacti as well as all other house plants. Use according to directions.

12 oz. package.....

50c

2 lb. package.....

\$1.00

At Left

**OPUNTIA  
VERSCHAFFELTII**

An almost spineless, dwarf, tree-like species from Bolivia. A choice specimen with dark red flowers. Nice plants.....

35c

At Right

**THIMBLE TUNA**

A pretty, dwarf species with ovate branches *Tephrocactus sphaericus* forms a most interesting specimen. Ruby-red clusters.....

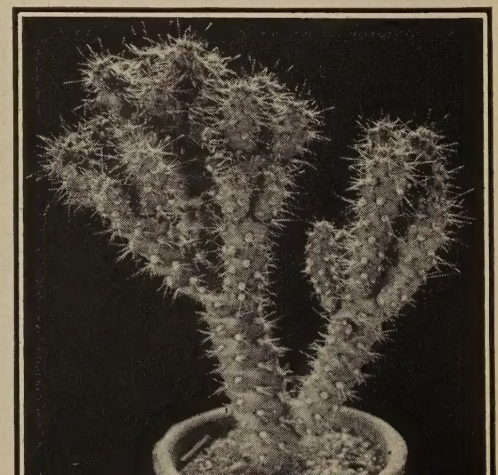
35c



**DWARF TREE OPUNTIA**

*Opuntia vilis* grows as a tiny, much branched tree. Grows under almost any conditions, doing well in sun or shade. Well branched. 35c and.....

25c



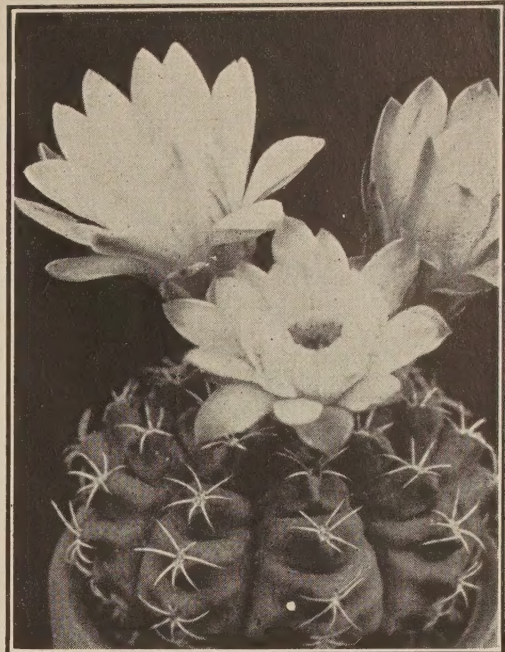


# ECHINOCACTUS

## Beautiful Barrel Cacti

The Echinocacti are a large natural group of globular-shaped Cacti generally bearing ridges. Some are quite tiny, others grow to a huge size. Many bear very lovely flowers with exquisite satiny petals in all shades of red, pink and yellow. The Barrel Cacti are familiar sights to tourists in our southwestern states. There is an endless variety of them found on the plains and desert mountains all the way down to Patagonia. Globular types are grouped here though some are more related to Cerei.

**Culture:** A soil composed of 1 part loam, 1 part sand, 1 part leafmold suits them well. If the loam is sticky add another portion of gritty sand or small gravel. We offer a very good type of leafmold on page 10. When potting use a pot about one and a half times the diameter of the plant. Most nurseries or seed stores can supply 2½ to 3 inch or 4 inch pots. Sand can be had at pet stores as "bird gravel" or at builders' supply yards. Water only enough so plants will dry in about 5 days. Give plenty of fresh air whenever possible and a sunny window.



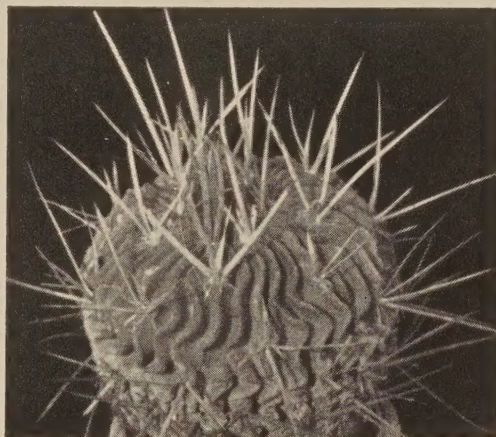
### DAM'S CHIN CACTUS

If you want the easiest flowered cactus try Gymnocactus Damsii which bears its lovely large pink and white flowers throughout the spring and summer. Even tiny plants flower. Seldom reaches more than 3 inches in diameter. Fine 3 and 4 year old specimens 50c and 75c. Smaller flowering beauties 25c and.....



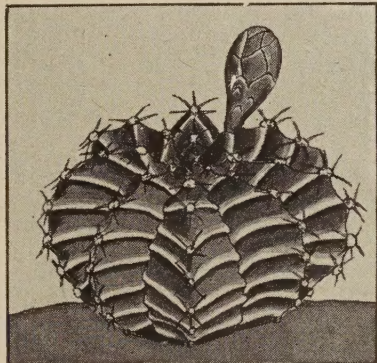
### GOLDEN BARREL

Bright Golden Globes. Small plants bear nipples; ridges appearing later. Every collection should have the beautiful Echinocactus Grusonii. Very sandy soil. Nice. 1 inch—35c. Bright specimens 2½ to 3 inches..... 75c



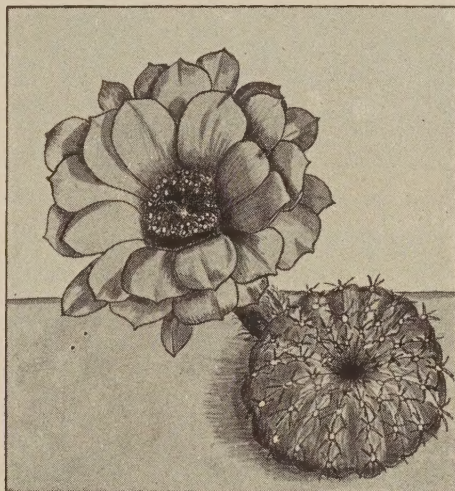
### BRAIN CACTUS

The Echinofossulocacti are a very choice group. They bear many thin ribs and lovely purple, pink or white flowers. Grows easily. Nice..... 35c



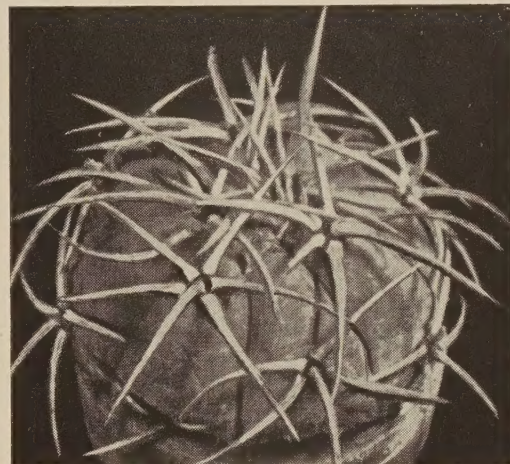
### PLAID CACTUS

A perpetual spring and summer bloomer Gymnocalycium Mihanovichii stenogonum bears charming chartreuse yellow blossoms. Almost always has buds when shipped. 3 to 4 years 50c and 75c. Smaller flowering..... 35c



### SNOW CUPS

A very free flowering plant with dainty, ruffled white blossoms. Everyone flowers it. The charming Echinopsis Kratochviliana grows in the high mountains of Argentina. Likes plenty of water in summer. Semi-shade. Blooms in May and June. 3 to 4 years, specimens 50c and 75c. Smaller 35c and..... 25c



### EAGLE CLAWS

An old favorite bearing brilliant, large pink blossoms like crumpled silk. The blossoms of Echinocactus horizonthalonius arise from the very wool-matted crown. Pale blue-green plant with stout, red, curved spines. From Western Texas. Sand with some leafmold and full sunlight suit it. Large specimens 75c and \$1. Nice flowering specimens 2½ inches to 3½ inches..... 50c

**Astrophytum ornatum Mirbellii.** A choice, very white-flecked variety making grand specimens. Even the smallest plants are lovely. 1½-2" each ..... 50c

### STAR CACTUS

Every collection should have the handsome Astrophytum ornatum. An old favorite of easy culture. It is beautifully flecked with a myriad of snowflakes. Even the tiniest plants are perfect miniatures. Bears large, lemon-yellow flowers. Grows freely, sun or part shade. We have a very nice lot of them. 1½ to 2 inches, each 50c. 1 inch or more..... 35c



### SAND DOLLAR

One of the oddest cacti, entirely spineless and freely bearing large yellow blossoms with a red throat. Very rare even in the wilds where it grows thinly scattered on the desert mesas. Best potted in sand with a portion of leafmold, watering lightly when dry. Give it a very light position with some sun. It flowers from May to October. Well rooted, established plants. Specimens 3 to 4 inches, 85c. Flowering size to 2½ inches. 60c



### LOBIVIA NEALEANA

Brilliant red flowers. Forms neat clusters of many heads. Nice 3 year old flowering size plants..... 40c







#### STRAWBERRY CACTUS

A group of *Hamatocactus setispinus* is never without flowers in the summer. It is a favorite with all, growing freely and of the easiest culture. The flowers are rather larger than shown and the brilliant scarlet fruits are quite showy. Enjoys a light loam, sun or part sun, watering when dry. Large specimens, 3"-4", 50c. Smaller, 1½"-2" flowering..... **35c**

#### ASTROPHYTUM

A grand group to which the Bishops Cap belongs. They are all free flowering and easily grown natives of Mexico. They make fine specimens for the window garden never getting too large. Their bold forms give them distinction. They like a sunny window and ordinary cactus care.

*Astrophytum myriostigma*. Bishop's Cap. See photo above.

*Astrophytum myriostigma columnaris*. A slim, tall-growing form, quite distinct. Large 5"-6", \$2.00. 2"-2½", 50c. 2"..... **35c**

*Astrophytum myriostigma tetragona*. Four-sided Bishop's Cap. Always has the four sides. 1½"-2", each 50c to 75c. Small 1"..... **35c**

*Astrophytum capricorne*. Lovely flowers of golden yellow with bright red throat. Very free blooming. Plants speckled with white. They are amongst the loveliest of all cacti! Three years old and should flower—35c and ..... **50c**

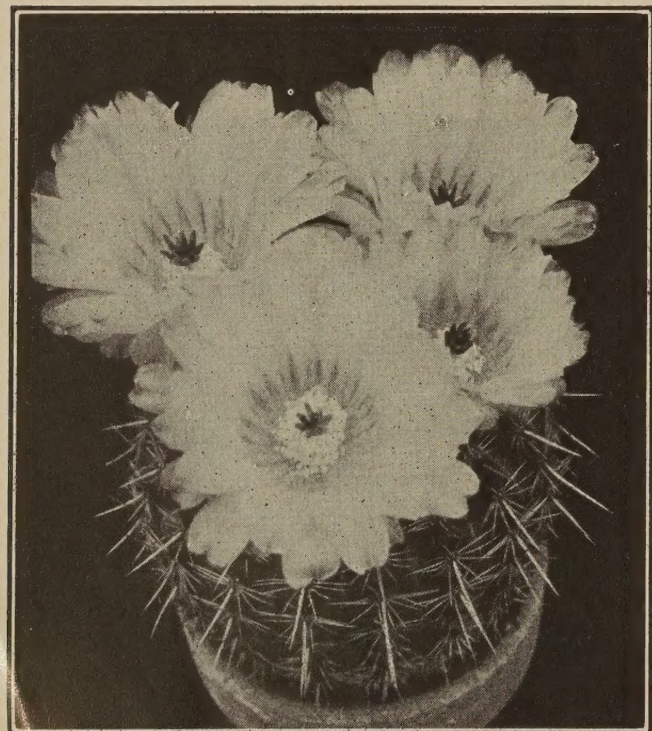
*Astrophytum capricorne major*. Similar to above, 35c and ..... **50c**

*Astrophytum capricorne minor*. Each 35c and 50c

*Astrophytum capricorne senilis*. A most interesting form with curling, papery, black spines. Gorgeous freely borne flowers. Each..... **50c**

#### NOTOCACTUS MAMMULOSUS

Lively yellow blossoms, each petal like satin. Surprisingly easy to grow and flower. I have some very fine, strongly spined plants that averaged 10 flowers each last year. Every one will bloom this spring. 75c and \$1. Nice plants..... **35c**



#### NOTOCACTUS

All *Notocactus* are excellent because of their form, flowers and colorful spines. They are easy to grow, enjoying a light or sunny location.

<i>Notocactus apricus</i> . Sun Cups.....	<b>35c</b>
" <i>caespitosus</i> . Rare. Large.....	<b>75c</b>
" <i>Graessneri</i> . Yellow Ball.....	<b>35c-75c</b>
" <i>Grossei</i> . Rare.....	<b>50c</b>
" <i>Hasselbergii</i> .....	<b>\$1.00</b>
" <i>Linckii</i> .....	<b>35c</b>
" <i>rutilans</i> .....	<b>75c</b>
" <i>Schumannianus</i> —50c and.....	<b>\$1.00</b>
" <i>tabularis</i> .....	<b>50c-35c</b>
" <i>Velanovskii</i> .....	<b>50c</b>



#### INDIAN HEAD

A very pretty, free flowering plant, *Notocactus Ottonis* should be in every beginner's collection. Flowers over a long period and grows easily under a great variety of conditions. The flowers are lovely and it produces several crops. It is not a quick grower and rarely reaches more than 2 to 3 inches in diameter. The buds appear as twists of cocoa-colored wool. 3 to 4 years 50c and 75c. Smaller..... **35c**



#### GOLDEN BALL

The lovely, golden haired *Notocactus Leninghausii* is a great favorite and deservedly so. It is one of my favorite plants. Very long lived and easy to grow. Grand old show specimens, 8" to 10" forming clusters..... \$5 to \$7.50  
1½"-2½" plants 50c and 75c.  
1" colorful plants..... **35c**



#### BISHOP'S CAP

Don't fail to include this fine plant. I have some very clean, bright specimens. Flowers freely all summer. Grows easily. The whiteness of the plant is produced by microscopic, spine-like processes. *Astrophytum myriostigma* likes a sunny window but will do well in partial shade. Flowering size 1½"-2" plants 50c. Smaller—35c and ..... **25c**



#### TOM THUMB

*Parodia aureispina* is one of our choicest plants. With its lovely golden color or with its bright flowers it is always a jewel. Very easy to flower and we always ship it in bud while in season, May and June. A fast grower. Full sun or part shade. Handsome specimens 5 years. \$1. Smaller 50c and 75c. Nice plants ..... **35c**

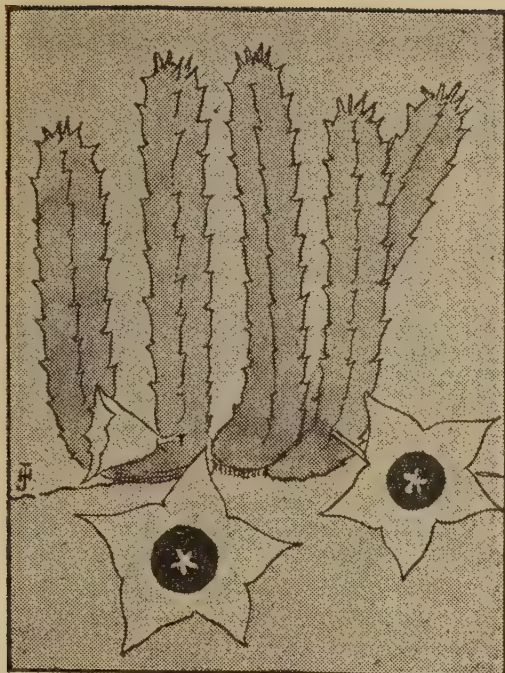
*Crimson Parodia*. *Parodia sanguiniflora*. Brilliant, ruby-red 1½" flowers. Flowering, 75c and ..... **50c**



#### PELECYPHORA ASSELLIFORMIS

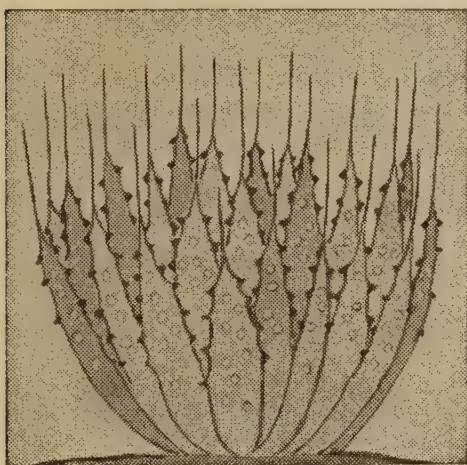
Extremely rare in cultivation. The plants are 1" to 1½" in diameter, bearing apical bright purple-pink flowers. Real Mexican oddities. Sand and leafmold makes a good soil. Mature flowering imported..... **\$1.25**





### RED DRAGON FLOWER

The pretty *Huernia Schneideriana* bears delicately beautiful flowers with velvety red petals and black center. Flowers all summer, moderate waterings. Sun or semi-shade. Plants 35c and..... 25c



### ALOE ARISTATA

One of the very choicest small Aloes. Bears a great many closely set leaves with white pearly teeth and dots, each leaf terminated by a white awn. Remains small. Flowers red. A rare and elegant plant. Sandy soil. Each 50c and..... 35c

## CACTUS SEED

Cacti grow readily from seed which germinates in from 7 to 30 days, depending upon heat and moisture conditions. You will enjoy trying your hand at growing them. Fresh seed from our own plants. Full planting instructions with every order.

### MIXED CACTI SEED

Contains more than 20 kinds, including *Mamillarias*, *Cerei*, *Echinopsis*, *Piptanthocerei*, *Trichocerei*, *Cleistocacti*, *Echinocereus*, *Echinocacti*, etc. Fresh seed. You will have fun growing them. Per packet..... 50c

### DE LUXE MIXTURE

Superb mixture made up of over 75 species of cacti and succulents. There are no weedy species included. Many are rare kinds collected from our own plants. All cacti seedlings are pretty and many bloom within two years. Put up in two packets of fine and coarse seeds. The collection..... \$1.00

### MIXED LIVING ROCK SEED

There are many kinds of Living Rocks and we have one of the finest collections in this country. All seeds are grown by us. *Pleiospilos*, *Dinteranthus*, *Lithops*, *Lapidaria* and many others are included in this selection. Per packet..... 50c

### MINIATURE CACTI SEED

A choice mixture of the finest toy cacti, including rare *Parodias*, *Notocacti*, *Gymnocalyciums*, *Mamillarias*, *Echinopsis*, etc. Fifteen or more of the prettiest small growing types. Full instructions for planting. Per packet..... 50c

### CHOICE SUCCULENTS

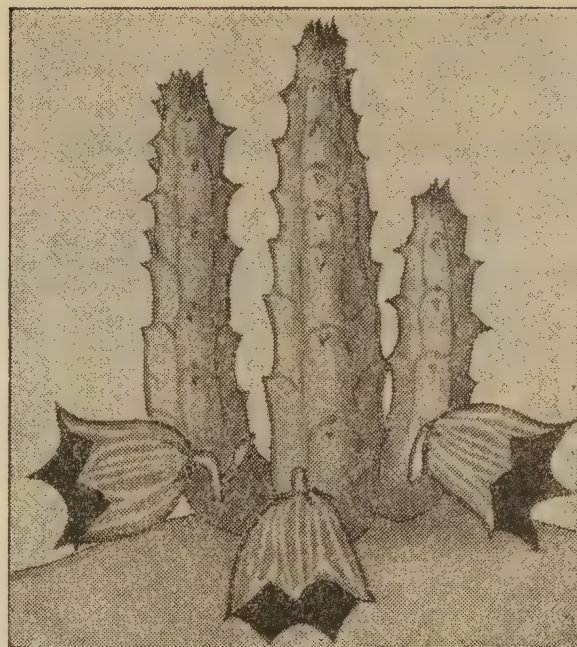
A fine mixture containing many rare species of *Mesembrianthemums*, *Crassulas*, *Cotyledons*, *Echeverias*, *Anacampseros*, *Aloes*, *Gasterias*, etc., from our huge collections. All collected from our own plants. Many interesting things. Per packet..... 50c

### MIXED PINCUSHION SEED

*Mamillarias* are one of our specialties and this mixture contains a very pretty and representative group. They germinate readily and can be flowered in two years. You will enjoy them. Per packet..... 25c

### STONE FACES MIXED SEED

The Stone Faces or *Lithops* are the prizes of any collection. These handsome, interesting and entirely novel plants germinate quickly. You will have seedlings in two weeks! Approximately 100 seeds..... 25c



### KENYA DRAGON FLOWER

A pretty Dragon Flower with dark crimson-red, bell-shaped flowers. *Huernia keniensis* is an easy and vigorous grower and flowers from spring to cold weather. Clusters 35c and..... 25c



### HAIRY STARFISH FLOWER

(*Stapelia hirsuta*)

Handsome, velvety purple "stars" 4 inches across each petal fringed with soft violet hairs! They grow and flower freely in small pots. Your friends will never believe these strange African blossoms are real! 35c

## The NEW SAND CULTURE for CACTI

Hydroponics is the scientific name for growing plants in culture solutions. This new science is rapidly proving its worth and for the cactus enthusiast has especial points of interest. One may grow his plants in clean porous sand, thus greatly reducing the danger of overwatering. This is of particular interest to collectors who live in damp, foggy or rainy places. Many choice or difficult plants thrive under this treatment, for cactus roots when well fed enjoy spreading in the air filled sand.



### VITAMIN B-1

JOHNSON'S OWN B-1 TABLETS  
For use in Any Soil

Works miracles on Cacti and Succulents, often bringing refractory plants into bloom. Don't fail to use this wonder working solution. Better Homes and Gardens tests on cacti report wonderful success attained in flowering slow plants. Particularly valuable to stimulate new root growth after transplanting.

75 Double Strength Tablets with Full Instructions. Postpaid..... 50c

### PLANT-CHEM-SALTS

Now Grow Prize Cacti the Easy Way

Cacti grown in pure sand and watered regularly with this nutrient solution make a vigorous normal growth. Contains in scientific proportions the thirty chemicals needed in the growth of all plants.

16 gallon package, post-paid..... 30c

100 gallon package, post-paid..... \$1.10

400 gallon package, post-paid..... \$2.10



### TIGER JAWS

<i>Faucaria acutipetala</i> . Clusters.....	35c
<i>Faucaria albidens</i> . Clusters.....	35c
<i>Faucaria arrabidaae</i> . Clusters.....	35c
<i>Faucaria Blue Queen</i> . Clusters.....	35c
<i>Faucaria Bosscheana</i> . Clusters.....	35c
<i>Faucaria Brittenae</i> . Clusters.....	35c
<i>Faucaria carinata</i> . Clusters.....	35c
<i>Faucaria cradockensis</i> . Clusters.....	35c
<i>Faucaria felina-Jamesii</i> . Clusters.....	35c
<i>Faucaria Hooliae</i> . Clusters.....	35c
<i>Faucaria Jamesii</i> . Clusters.....	35c
<i>Faucaria longifolia</i> . Clusters.....	35c
<i>Faucaria lupina</i> . Clusters.....	35c
<i>Faucaria Rhynfeldiae</i> . Clusters.....	35c
<i>Faucaria sulrueteria</i> . Clusters.....	35c

## JOHNSON'S SAND CULTURE KIT

COLLECTION H 23

Complete instructions on growing Cacti and Succulents in sand with nutrient solutions. Simplifies watering. Makes the most difficult desert plants of easy culture. Particularly useful where winters are long and damp.

Full instructions, 16-gallon package Plant Chem.

75 Johnson's B1 Tablets. 50c package Cactus Food..... \$1.20



## DIAMOND JUBILEE CACTUS HANDBOOK

Our Diamond Jubilee Cactus Handbook celebrates our 75th year in the nursery business. It contains a great many color plates of cacti and succulents, hundreds of photographs and much information on culture such as how to water, how to rest your plants, etc. Also notes on the native lands of our plants, where they are found, how they are named, and the general lore of cacti.

There will be listings of hundreds of interesting plants, together with sizes and prices of available supplies. It has been impossible to list in our smaller yearly catalogs many items that have been available in the past.

**Cactus Handbook.** 48 pages. Price..... **50c**

## TERMS

Our 1949 and 1950 catalogs are still current.

**I GUARANTEE SAFE DELIVERY**

**ANYWHERE IN THE U. S. OR CANADA**

December shipments via express at customer's expense, except for California, Oregon, Washington, Utah, Nevada, Arizona, New Mexico and Texas. These may go parcel post.

**Minimum order \$2 for free delivery.**

**50c packing charge on orders less than \$2.**

**How to remit:** By check, postal note, money order or stamps.

**No C.O.D. orders accepted.**

**How we ship:** By parcel post, which delivers direct to your door. All plants are passed by State Horticultural Inspectors to insure freedom from insect pests. They are packed by experts in especially made boxes heavily insulated from cold and clearly marked: "Rush—Perishable—Tender Plants."

**Our guarantee** is for safe delivery. We cannot undertake to make good plants lost through improper care. If plants are injured in transit and we are notified immediately, we will give credit for all damaged items.

## CATALOG INDEX

Acanthocalycium .....	19	Lithops .....	17-19
Adromischus .....	19	Lobivia .....	7
Aloe .....	19-20	Lophophora .....	17
Anacampseros .....	18-20	Loxanthocereus .....	16
Arequipa .....	13	Mamillaria .....	3-4
Astrophytum .....	7-8	Monvillea .....	14
Azuroocereus .....	15	Notocactus .....	8-13
Cephalocereus .....	15-6	Opuntia .....	6-16
Cereus .....	14-5-6	Pachycereus .....	14
Ceropegia .....	18	Pachyphytum .....	20
Chiapasla .....	5	Pachyveria .....	18
Chilena .....	13	Parodia .....	8
Cleistocactus .....	14-6	Pereskia .....	6
Conophytum .....	18	Pelecyphora .....	8
Consolea .....	6	Peruvocereus .....	15
Crassula .....	18-9-20	Piarranthus .....	18
Dinteranthus .....	19	Pleiospilios .....	17-9-20
Dolichothele .....	4	Portulacaria .....	17
Echeveria .....	17-20	Pseudoespostoa .....	15
Echinocactus .....	7	Pyrrhocactus .....	13
Echinocereus .....	13-6	Quiabentia .....	6
Echinofossulocactus .....	7	Rhipsalis .....	5
Echinopsis .....	7-13	Rimaria .....	19
Epiphyllum .....	1-5	Sedum .....	18
Eriocereus .....	15-16	Selenicereus .....	14
Espositoa .....	14-15	Senecio .....	17
Euphorbia .....	17-19	Stapelia .....	17-8-9
Faucaria .....	9-17	Tephrocactus .....	6-16
Fenestraria .....	20	Thelocactus .....	13
Gibbaeum .....	19	Titanopsis .....	19
Gymnocalycium .....	7-8-13	Tradescantia .....	18
Haworthia .....	19	Trichocereus .....	15-16
Kleinia .....	17	Weberocereus .....	16
Lapidaria .....	19	Zygocactus .....	16
Lemaireocereus .....	14		



# Supplies for Cacti

Few things are needed in the growing of cacti more than interest and a desire to form an increasing collection of them. However, for the city dweller and more serious collector I am offering a few things that may make their culture easier. The things we offer are the things we ourselves use.

## JOHNSON'S CACTUS FOOD

A very effective fertilizer with a good organic base, the ingredients of which are blended and proportioned to help your plants to make normal matured flowering growth. It is not a soluble fertilizer but should be scattered over the soil, a level teaspoonful to a 4-inch pot, three or four times during the growing season after the plants are well established.

Use only during the growing season. Light applications once a month are more effective than heavy applications.

12-ounce Bag ..... **50c**  
2-pound Bag ..... **\$1.00**

## ROOTWELL

Want to raise Cactus cuttings? Our new hormone powder for rooting refractory cuttings of all kinds designed particularly for quickly rooting Cacti and Succulents. Sterilizes the cut surface and induces luxuriant growth of roots. Apply dry with finger to fresh cut.

Full Directions. Per Package..... **50c**

## JOHNSON'S VITAMIN B1

Works miracles on cacti, often bringing refractory plants into bloom. Don't fail to use this wonder working solution. Our customers report success, particularly when used on old plants. Also to stimulate new root growth after transplanting.

**75 Double Strength Tablets**, with full instructions for Cacti. Bottle..... **50c**

## CACTUS AND SUCCULENT SOCIETY OF AMERICA

The Cactus and Succulent Society was organized more than 20 years ago to bring together those interested in these extraordinary plants and to publish a magazine which would provide a forum for the exchange of information and for the publishing of new species and scientific data. The Journal, under the competent editorship of Scott Haselton, has well achieved these aims, and today is the world's foremost publication about these plants.

Everyone is invited to join the Society and to receive this splendidly illustrated magazine. It has many articles on new plants, stories on exploration trips to new localities, articles on culture, news of affiliated Cactus Clubs in every region of the U. S. Everyone interested in Cacti and Succulents will continue to find this a most interesting magazine.

**Membership and Journal** ..... **\$3.00**  
Six double issues a year.....

## CACTUS HELPS COLLECTION S 100

Items to make the growing of your plants easier and more enjoyable. Included here are all the things to root and grow your plants except loam and sand. Sand may be purchased from poultry houses or builders. Loam from garden or hillside.

**Book, "Cacti and Succulents and How to Grow Them."**

**75c package Cactus Compost.**

**Johnson's Cactus Food.**

**Johnson's Cactus Soil Conditioner.**

**Quart of Cactus Hardwood Charcoal.**

**Bottle of Johnson's B1 Tablets.**

**50 Painted Wooden Plant Labels.**

**7 Items to make Cactus Growing Easy.** Postpaid..... **\$3.00**

## JOHNSON'S CACTUS SOIL CONDITIONER

Of great assistance in keeping cacti in good health, it is designed to add the minerals ordinary garden soils often lack. Desert soils are often high in mineral content, for there is little rain to leach them away. A spoonful of my Conditioner placed about a Cactus plant and stirred lightly into the soil will often bring an ailing one back to health. Mix it with your potting soils.

**Small Size, 10 Ounces, Postpaid..... 60c**  
**Large Size, 32 Ounces, Postpaid..... \$1.00**

## JOHNSON'S CACTUS COMPOST

**Mix With Your Own Sand and Soil**

An economical compost for Cacti and Succulents which when mixed with equal or larger quantities of both sand and light loam makes a very suitable soil for all desert plants. Composed of our reclaimed sclerophyllous leafmold, lime, gypsum in the proper proportions for all potted cacti. A light and bulky mixture, the same as we use in our own potting soils for both seedling and specimen plants.

**Per Peck, Postpaid..... \$1.95**

**4 Pints or 2 Pounds to Make 6-10 Quarts of Potting Soil.** Postpaid..... **75c**

## OUR SPECIAL CACTUS LEAFMOLD

A reclaimed, sclerophyllous desert leafmold, sifted, light and dry. Mixed with equal parts of both sand and loam, it makes a fine, economical cactus soil.

**4 Pints or 2 Pounds to Make 6-10 Quarts of Potting Soil.** Postpaid..... **70c**

## HARDWOOD CACTUS CHARCOAL

Useful in keeping cactus soils sweet and aerated. Helpful in heavy soil.

**Per Quart ..... 40c**

## CACTUS INSECTICIDES

Our special instruction sheet describing common cactus pests and treatment, with spray formulas. We recommend Red Arrow Spray as effective and non-injurious to cacti or other house or garden plants.

**Instruction Sheet and Bottle of Red Arrow Spray.** Postpaid..... **40c**

**VOLCK SPRAY.** An oil spray recommended for any kind of scale insect and for mealy bug. These two insects are hard to kill as they have a waxy covering which repels water. We have used it for years, but only recently has it been put up in small bottles. 4-ounce bottle prepaid (with orders only), with chart describing cactus pests. Full instructions for use..... **50c**

## BLACK ROT PREVENTIVE

With light waterings, fresh air and sun, rot will not appear. If through too much watering plants turn black and watery, its spread may be checked by saturating the top soil with a Semesan solution. It is useful also to spray tiny seedlings to prevent "damping off" or rotting.

**One-third-ounce Envelope**, with cactus instructions ..... **20c**

**Two-ounce pkg.**, with cactus instructions **50c**

## PLASTIC PLANT LABELS

You may write with pencil on these labels and it will remain clear for years. As near a permanent label as I have tried.

Pure white, 6-inch, pot labels, per 100 **\$1.75**

## PLANT CHEM SALTS

Cacti grown in pure sand and watered regularly with this nutrient solution make healthy vigorous growth. An occasional watering of all your house plants will supply the rare minerals sometimes lacking.

**16-gallon pkg.**, with full instructions..... **30c**

**100-gallon pkg.**, with full instructions..... **\$1.10**

**400-gallon pkg.**, with full instructions..... **\$2.10**



## PARAMOUNT, CALIFORNIA

1951

The *Faucarias* are old favorites. Their curious toothed leaves and cheerful yellow blossoms in the fall insure them a place in every collection.

Each 35c and **25c**

**On orders of \$3 or more  
choose 10% in free plants**

**ON ALL ORDERS OF \$2  
OR MORE. 50c PACK-  
ING CHARGE ON ORDERS  
FOR LESS THAN \$2.**

Money  
Order \$.....

Cash.....

Stamps.....

Stamps.....

Checks.....

If stamps are sent, we appreciate 10c to 25c

Is this your 1st order ☐

2nd ☐ 3rd ☐ 4th ☐

5th ☐ 6th ☐ 7th ☐

5th ☐ 6th ☐ 7th ☐

**This 1951 Catalog may be used with our 1950 Catalog, which is still valid. Please do not order from older catalogs, as plants may be out of stock.**

NAME \_\_\_\_\_ DATE \_\_\_\_\_

STREET or P. O. BOX.....

CITY \_\_\_\_\_ STATE \_\_\_\_\_

**NOTE!** Orders for less than \$2.00 must include 50c extra to cover packing costs.

★ To assist us in promptly filling your orders please write letters on a separate sheet.

★ When you unpack your order, look for my free booklet, "The Culture of Cacti."

If you are interested in the more rare and uncommon Cacti and Succulents, our Diamond Jubilee Cactus Handbook has a much more extended listing. In it are many new species, also those of slower growth which are seldom seen. There are also more detailed articles on culture, watering, etc. A handbook of Cactus lore. Price.....50c

Owing to present conditions it is increasingly difficult to answer correspondence regarding ink culture, etc., promptly without greatly increasing the costs of our products. We beg your indulgence for delays. **All orders go out promptly.**

Leaving room in your letter for answers to your questions will help us serve you better. Stamped self-addressed envelope for replies are greatly appreciated.

## "Cacti and Succulents and How to Grow Them"

68 pages and many photographs of cactus and succulents. Plain information on the care of your plants. Much recommended ----- 50c

110 colored pictures, 150 cactus photos. Full information. Cloth binding.

Postpaid.....\$3.15

800 succulents described.  
167 pages crammed with in-  
formation. 400 illustrations.  
85 in color. Cloth.

Postpaid.....\$3.15

[illegible]

**CHOOSE 10% IN FREE PLANTS ON ALL ORDERS OF \$3.00 OR MORE**









#### WAIT-A-BIT

Our plants of *Ancistrocactus Scheerli* are all mature flowering specimens. The flowers are produced in the spring. Easily grown, 3½ to 5 inch, 40c 60c. 2 to 3 inch.



#### NOTOCACTUS PAMPEANUS

A quite easily grown and flowered cactus from South America. The bright blossoms appear in the spring after the winter rest. Thrives in a well lighted window liking an open soil. Stands temperatures of 15°. Nice 1½ inch plants, 50c. Smaller, 35c



#### ROSE PLAID CACTUS

A handsome small cactus brightly banded with copper-green and cream. The lovely pink blossoms of *Gymnocalycium Friederickii* are large and exceedingly freely borne all summer long. Specimens, 4 years, 75c Smaller flowering 50c and, 35c



#### SILVER BALL

An elegant small cactus well pictured above. *Notocactus scopia* is a native of Brazil with silvery, thickly set spines. Every collection should have this colorful plant. Flowers lemon-yellow each plant bearing 6 to 12. The furry buds are brown appearing in a ring about the crown in May. Very easily grown. 5 years old 1.00, 1½ inch, flowering, 75c. Nice 2 to 3 year plants 50c and, 35c



#### PINK EASTER LILY CACTUS

A quick growing winter hardy plant, even in Canada, when well protected by snow. *Echinopsis multiplex* bears 6 inch, lovely pink, easter lily-like trumpets. It will flower several times during the summer. A fine window plant as it will grow in sun or shade. Large 3 to 4 inch specimens, 75c and 1.00. Smaller, 50c and, 35c

### GYMNOCALYCIUM

The Chin Cacti flower freely and are lovely. Plants just right for window garden. All are very worthwhile. Lack of space precludes descriptions.

*Gymnocalycium Anisitsii*, 2 inch to 3 inch, \$1. *C. Baldianum*, 35c and 75c. *C. Bodenbenderianum*, 35 and 75c. *C. Bruchii*, 50c. *C. Gibbosum*, 50c. *C. gibbosum Schlumbergerii*, \$1. *C. hyptiacanthum*, 50c. *C. Leeannum*, 50c. *C. leptanthum*, Lovely, 50c-75c. *C. Monvillei*, 50c-75c. *C. Multiflorum* 50c. *C. Occultum*, 35c. *C. Quelhianum*, 35c-50c. *C. Venturianum*, 50c.

### PYRRHOCACTUS

The Flame Cacti, are seldom seen due to their rarity. They are strongly spined, barrel-shaped plants from Chile with dark red flowers. Slow in growth but of easy culture.

*Pyrrhocactus horridus*. Strong, curved spines, Canelian-red flowers. A vigorous, bold plant. 2½ to 3 inch, \$1. Nice plants, 40c.

*Pyrrhocactus umadeave*, 2 inch, 75c. Smaller, 50c.

*Pyrrhocactus species*. A new clustering species, 50c.

### CHILENIA

*Chilenia accutissima*, 2½ to 3 inch, 75c

*Chilenia heteracantha*, 2½ to 3 inch flowering, \$1

*Chilenia heteracantha*, 1 inch, 35c

*Chilenia castaneoides*, 2 inch, 75c

*Chilenia nigrihorrida*, Small, 35c

*Chilenia subgibbosa*, 1½ to 2 inch, 50c

#### Arequipa leucotricha

Lovely white spined plant. Red flowers. Each, \$1.00

#### Islaya islayensis

Very rare, \$1

*Islaya minor*, \$1



#### SACRED MUSHROOM

*Lophophora Williamsii* or Peyote is chewed by Indians in religious festivals. Pink flowers. Mature specimens 1½ to 2½ inch, 50c



#### VIOLET SEA URCHIN

A lovely flowered small cactus blooming profusely during the summertime. The blossoms of *Acanthocalycium violaceum* are particularly bright and shining and the color is most pleasing. Flowers when small. Seldom reaches more than 3 to 4 inches in diameter. Grows easily, sun or part shade. Large 3 to 4 inch specimens, \$1 and \$1.50. 1½ to 2 inch, flowering 50c. Smaller, 35c



#### RED CROWN

This year I have some very fine three-year-old plants of *Rebutia senilis*. They are unbelievably floriferous when well grown. I have seen plants with over 100 blossoms. May and June. The plant is very elegant and free blooming. Of the easiest culture. Light loamy soil, moderate waterings, sun or semi-shade. Large 5-year-old show specimens, \$1.50. 2 inches, 50. 1-1½ inch, 35c

#### PARODIA MUTABILIS

The *Parodias* are all lovely plants with beautiful and bright blossoms. This sterling variety has orange yellow flowers, often with red throat. Even small plants produce several blossoms in May and June. The plant is very elegant and free blooming. Of the easiest culture. Light loamy soil, moderate waterings, sun or semi-shade. Large 5-year-old show specimens, \$1.50. 2 inches, 50. 1-1½ inch, 35c







#### CURIOSITY PLANT

These novel and attractive cacti never lose their odd contorted growth. They are always pretty with their bright chestnut spines and living green stems. *Cereus peruvianus monstrosus* of this type is very rare. **35c**  
Fine plants, 50c and.....



#### NATIVE COMB

A very pretty pot plant. Indians use the dried seed pods of *Pachycereus pecten-aboriginum* for excellent combs. Plants are copper-colored with light spines. In the wilds it grows to large tree size. 2½ to 4 inches. **25c**

#### PHOTOGRAPHS

We are always glad to receive pictures of yourself with your collection. For those used \$5 credit is given. Everyone enjoys seeing them.

#### CACTUS AND SUCCULENT JOURNAL

Why not subscribe to this most interesting magazine? It is beautifully illustrated, describes many new plants, has splendid articles on the plants in their native lands. Lots of cultural notes. Membership in the Cactus and Succulent Society of America includes the **\$3.00** Journal. Per year only.....

#### PERUVIAN OLD MAN

Everyone admires these handsome soft, white-haired plants. They are clothed with silky, snowy floss. *Espos-toa lanata* grows easily and quickly. Likes a little charcoal in the soil and a well-lighted window. **35c**  
Nice 2"-2½" 50c. Smaller.....

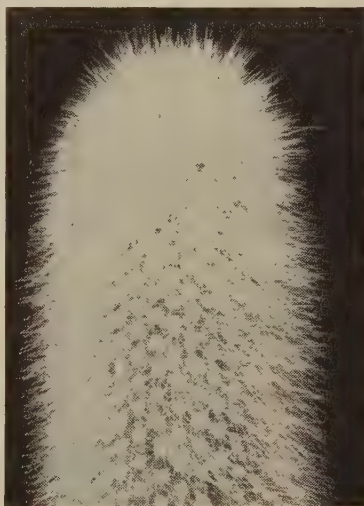


# CEREUS and its ALLIES

THOSE who have travelled through Arizona have seen the gigantic, fluted columns of the Sahuaro. Other members of the family are no larger than your thumb. Some kinds are climbing, others creeping, others branched trees. The flowers of many are gloriously beautiful, huge chalcices sparkling in the early morning sun. They are found from the south western states south almost to the end of the Andes. There is a great diversity in the flowers and fruits and in the kinds of spines or hair they produce. The Cephalocereus at flowering time bear masses of silky-white floss in which the flowers and fruit nestle. The Night Blooming Cerei are often epiphytic and are found growing high in the tree tops sharing the sun with the orchids and Bromeliads. They grow from the coastal bluffs to over 13,000 feet in the Andes.

**Culture.** With few exceptions they are vigorous growers and are of easy culture, presenting no particular problems to the cultivator. They have vigorous roots and thrive in a compost of 1 part loam, 1 part gritty sand, 1 part leafmold with a sprinkling of soil conditioner.

The white-haired kinds enjoy a good dash of granulated charcoal to further loosen the soil. They prefer a sunny window but will grow in any light situation. Allow them as much fresh air as possible.



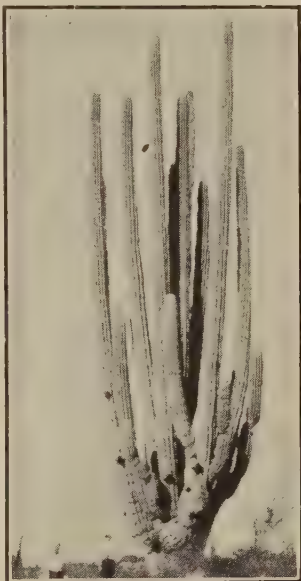
#### SILVER TORCH

An easily grown plant every collection should have. Bright red flowers in summer. Makes many 'pups' around the base. A handsome hardy plant, standing temperatures to 15° above. Sun or part sun. 6"-8" specimens, 50c. **25c**  
4" to 5" 35c. Smaller.....



#### PRINCESS OF THE NIGHT

A glorious white and gold blossom 10" across! The best of the Night Blooming Cerei. *Selenicereus pteranthus* can be readily flowered. Sandy loam, leafmold with generous summer waterings. Harden growth in fall with sunlight, less water. **40c**  
5"-8" .....

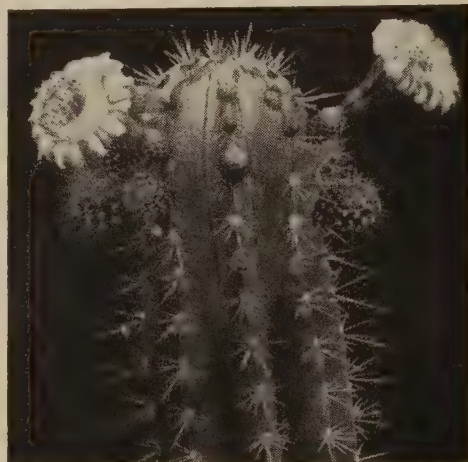


#### GIANT MEXICAN CEREUS

The small plants are very pretty and grow quite well. The above photograph of *Pachycereus Pringlei* I took in Baja California. Fine specimens 5" to 7", 50c and 75c. Nice miniatures, **25c**  
2" to 3" .....

#### CACTUS SOIL CONDITIONER

Contains the minerals many soils lack. Desert soils are high in mineral content. Mix in potting soils. **60c**  
12-oz. package .....



#### POWDER BLUE CEREUS

Small plants of *Lemaireocereus pruinosis* are lovely blue stemmed pot plants. Colorful, easy to grow. Nice 35c and..... **25c**



#### BRAZILIAN ROCK CACTUS

A thoroughly worth-while cactus for those who like flowers. *Monvillea Cavendishii* blooms with amazing consistency when treated generously. The white blossoms are followed by 2" ovoid fruits, crimson and good to eat. Rich loamy soil, generous waterings, sun or part shade. 5"-7" **35c**

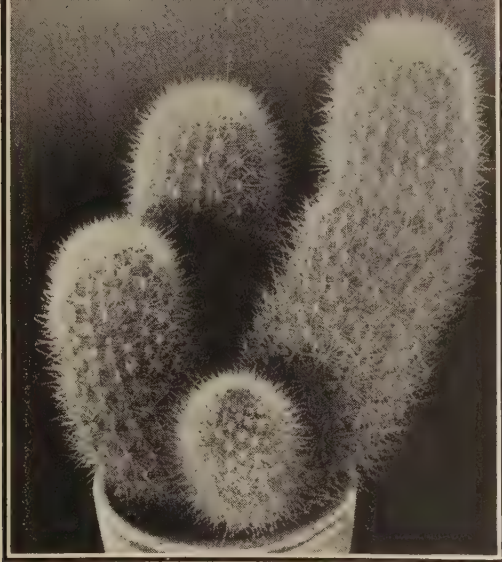
At Right:

#### DAYAM'S TREE CACTUS

One of the best fruiting and flowering kinds. Bears big tomato-like, half pound fruits quite fragrant and delicious. Tree-like in habit. Handsome as small seedlings. Large plants can be stored during winter in frost-proof basement or attic. 7"-8" 50c. **35c**  
Nice.....

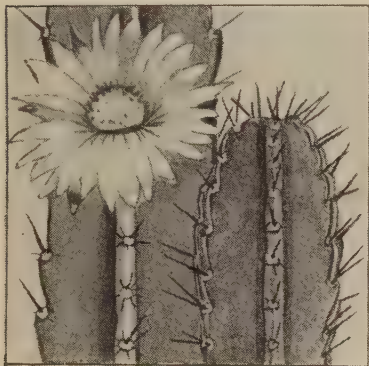






#### FOX TAIL CACTUS

A real show specimen. *Peruvocereus chosicensis* with its richly colored, bristly spines will be the prize of your collection. Varies from yellow to bright orange, quickly clustering. Lovely white blossoms. Sandy soil with some charcoal. Handsome specimens, 2"-3", 50c and 75c. Smaller 1"..... **35c**



#### CEREUS MILESSIMUS

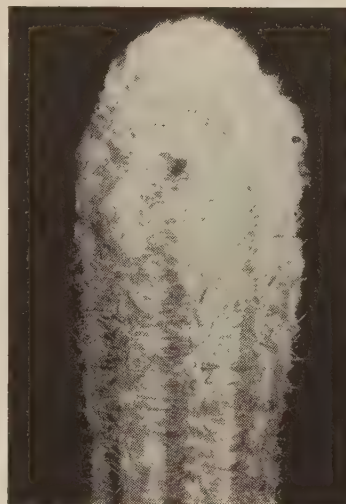
A fine tree cactus with snowy blossoms. Delicious red fruits 2" in diameter. Fine quick growing pot plants. Very spiny. Nice, 5"-7", 50c. Smaller, 3"-4"..... **35c**

<i>Cereus alacriportanus</i> , 5".....	35c
<i>Cereus azureus</i> .....	35c
<i>Cereus caesioides</i> , 5"-7".....	50c
<i>Cereus hexagonus</i> .....	35c
<i>Cereus Hildmanianus</i> .....	35c
<i>Cereus horridus</i> .....	35c
<i>Cereus Knuthianus</i> .....	35c
<i>Cereus lepidotus</i> .....	35c
<i>Cereus Llanosii</i> .....	35c
<i>Cereus peruvianus reclinatus</i> .....	35c



#### FLOWERING TREE CEREUS

Free flowering and tree-like *Cereus gonianthus* bears many handsome white 5" blossoms with reddish sepals and large red apple-like fruits. The sweet crystalline pulp is very pleasant. The fruits of all the tree Cerei are smooth and spineless. Quick growing. In winter store in basement. 7" to 8", 25c 50c. Smaller 35c and..... **25c**



#### WOOLY TORCH CACTUS

A handsome Old Man that at flowering time produces masses of white hair. The stems of *Cephalocereus Palmeri* become a beautiful powdered blue-white with age. The handsome pink blossoms are nocturnal. Six inches, 50c. Smaller..... **35c**



#### PERUVIAN TORCH CACTUS

A fine easily grown plant liking generous treatment. Bears large snowy blossoms. I took this photograph in Peru in February. Grows rapidly. In the valleys it grows tree-like, on steep mountains it may be pendant. Hardy at 15° above. 4" to 6", 50c. Nice..... **35c**



#### WHITE TORCH CACTUS

Beautiful, popular and exceedingly easy to grow. *Trichocereus Spachianus* is a quick grower and a fine plant for the window garden. The snowy blossoms are 6" across. Plants branch freely from the base, forming nice colonies. Will stand 15° above zero. 5"-7", 40c. Smaller..... **35c**

### FANCIER'S COLLECTIONS

Collection No. T3



16 Fine plants to start your window garden. All first quality plants. Contains only tested plants such as I would want in my own garden. Nice sizes, correctly labeled..... **\$3**

### DE LUXE GARDEN

Collection No. T4

28 Choice plants correctly labeled. A fine selection of the beautiful and odd. Living Rocks, Old Man, Pincushions, Echeverias, Barrel Cacti, Parodias, etc..... **\$5**

### FANCIER'S ASSORTMENT

Collection No. T5

60 Choice and rare plants for the collector of the odd and beautiful. Stone Faces and other rare South African succulents with South American Lobivias, *Cereus*, *Notocactus*, etc., plus Mexican *Mamillarias*, *Fero-cactus*, *Cereus*, etc. Labeled..... **\$10**

### CENTURY ASSORTMENT

Collection No. T99

100 Different Cacti. No succulents. A collector's group. Includes many rare items. A gift any collector would prize above all else. Labeled. A very moderate price of only 25c each..... **\$25**



#### SNOWBALL

One of the very fluffiest and whitest of all Cacti. The fine silky hair entirely clothes even the youngest plants so that they appear as puffs of white cotton. *Pseudoespostoa melanostele* is very rare, native of Peru. Grows easily, liking a light loam soil with a little charcoal if you have it. Light to moderate waterings. Sun or semi-shade. Show specimens, 2"-3", \$1; 1½" specimens, 50c. Smaller..... **35c**

### NEW ESPOSTOAS

**Epistoa huanucoensis.** A lovely yellow haired Peruvian Old Man, one of the choicest of new discoveries. I collected the seed in 1948. The plants grow 6 to 8 feet and are much branched with white fragrant fruit. Nice specimens 1½ inches..... **75c**

**Epistoa mocupensis.** A handsome plant with white hair and red spines. Makes a most noteworthy addition to the finest collections. A very tall growing plant with strict branches. Scarlet fruits. Specimens 3 to 4 inches \$1. Smaller..... **75c**

**Epistoa sp. nova.** The whitest of all Epistoa. A slender plant with very silky hair. Only a few 4 to 5 inch specimens available..... **\$2.50**

#### AZUREOCEREUS

*Azureocereus nobilis* is one of the very hand-somest of Cerei with bright, blue powdered stems and stout chestnut colored spines. A vigorous plant standing some frost. Show specimens, 6", \$1.50; 4"-5"..... **\$1.00**

*Cereus trigonodendrom.* The first time this very rare cereus has been offered. The true plant of Schuman from southeastern Peru. Though described as red flowered and three angled, it bears white flowers with reddish sepals, yellow fruits and 5 to 7 ribs. A very distinct and ornamental species. 8"-10", \$1.50; 5"..... **75c**

**Pink Moon Cereus.** Climbing, with lovely pink blossoms. *Eriocereus Regellii*, 5"-6"..... **35c**

#### MOON CEREUS

Everyone enjoys the splendid flowering *Eriocereus Martinii*. The chaste white blossoms are followed by large crimson fruits that last for months. The plants pictured had over 100 flowers open. Enjoys generous treatment, sun or part sun. In summer feed Cactus Food. Will stand 15° of frost. When blooming these Argentine cacti need a 6 or 8 inch pot. Nice 4" to 6"..... **35c**







#### SCARLET BUGLER

The fast growing, slender Cleistocactus Baumannii forms a cluster to two feet tall. Bears its bright red blossoms all summer long. Very satisfactory and easy to grow. 25c  
Nice plants, 35c and.....



#### JOSEPH'S COAT

Handsomely variegated with white, yellow, green and pink. An easy to grow favorite. Opuntia monacantha variegata likes sun or partial shade, moderate waterings. 25c  
Nice plants, 35c and.....

#### LOXANTHOCEREUS

Handsome red flowered, small cerei from Peru. Form clusters. Our plants are 2"-4".

L. aureisetosus .....	35c
L. eriostichus .....	35c
L. eriostichus lanatiflorus.....	75c
L. Faustianus .....	35c
L. ferruginispinus .....	35c
L. leucospinus .....	35c
L. matucanensis .....	35c
L. matucanensis senilis.....	50c
L. matucanensis speciosus.....	50c
L. paucispinus .....	50c
L. polygona .....	75c

#### ERIOCEREUS

The Moon Cerei are extremely free flowering climbers.

E. Bonplandii .....	35c and 25c
E. Regellii. Pink.....	35c
E. tortuosus. Spiny.....	35c



#### RAINBOW CACTUS

One of the handsomest and freest dwarf blooming cacti. Echinocereus melanocentrus is sure to flower and has a long blooming season. Often flowers when hardly an inch tall, with blossoms larger than the plants! Easy to grow. Sun or partial shade. Moderate watering. Fine blooming size..... 35c

#### WEBEROCEREUS

Slender vine-like climbers.

W. Biolleyi .....	35c
W. New Species. Pink.....	35c



#### A FINE COLLECTION

Laura Ann and her mother, Mrs. Gibson, of Pittsburgh have collected a very nice assortment of over 85 species. They find it a most fascinating hobby. They have a nice collection of Orchid Cacti also. As may be seen, they grow and flower their plants superbly.



#### CACTI IN WEST VIRGINIA

I received my first shipment from you last fall and was much pleased with them. I now have about 100 kinds which I keep outside during summer where they grow and bloom very nicely. STANLEY NUZUM  
Shinnston, W. Va.



#### CEREUS HYBRIDUS MONSTRUOSUS

A strange and monstrous cactus. Never lose their monstrous growth. Easy to grow. Nice..... 40c



#### PAPER SPINED OPUNTIA

White paper ribands for spines! Tephracactus glomeratus likes sandy soil and sun. Nice plants 35c..... 25c

#### HEDGE HOG CEREUS

It hardly seems possible this small plant could produce such large and brilliant blossoms. Echinocereus pentaloophus grows in small clusters and after a good winter's rest bears 3"-5" sparkling blossoms in profusion. Will stand temperatures to 15° and may be wintered in a quite cool place. Three year old clusters, 50c. Smaller..... 35c



#### TRICHOCEREUS

A large group of cacti generally forming clusters. Beautiful flowers. Fine pot plants.

T. Bridgesii, 8" .....	75c
T. candicans .....	35c
T. candicans robustior .....	50c
T. cuzcoensis, 10" .....	\$1.00
T. gladiatus .....	35c
T. huancayensis .....	35c
T. huanucoensis .....	50c
T. huascha .....	50c
T. huascha rubra .....	50c
T. Knuthianus .....	\$1.50
T. lamprochlorus .....	35c
T. litoralis .....	\$1.50
T. macrogonus .....	\$1.50
T. Pachanoi .....	\$1.25
T. purpureopilosus .....	50c
T. santiaguensis .....	35c
T. Schaferi .....	50c
T. strigosus .....	\$1.00
T. thelegonus .....	50c



#### OLD MAN CACTUS

The long, snowy white hair of the widely known Cephalocereus senilis makes it one of the most sought after. A sandy soil, sun, watering lightly when dry. Likes sun. 3"-4", 75c; 2"-2½", 50c; 1"-1½"..... 35c



#### MOON CACTUS

The large, showy blossoms of Eriocereus open in the evening, remaining open until late morning. Easy to grow, liking a rich loamy soil, moderate waterings. Sun or semi-shade. Nice, 50c..... 35c



# Succulents

THESE colorful and fascinating desert plants are becoming increasingly popular with our patrons. Most of them are at home in the window garden and none of them have spines. Succulents belong to many families of plants such as the Daisy, Milkweed, and Lily families. The Cacti belong only to the Cactus Family. They are found mostly in Mexico and South Africa. Some are popular because of their lovely or curious flowers, as the Echeveries and Starfish Flowers; others because of their odd shapes or handsome colored leaves.

**Culture.** A soil of one part easily crumbled loam, two parts sharp sand, one part leafmold is suitable though any soil will do. Avoid sticky soils by adding more sand. Water only lightly when newly planted, watering again only when dry. Give plenty of fresh air whenever possible. Don't over-water. They should be dry in about five to seven days after watering.



## SPLIT ROCK

These very curious African succulents are real mimicry plants so closely resembling the stones among which they grow as to be very difficult to find except in flower. Pleiospilos Nelli in a sunny window, watering lightly when dry. Sandy soil. 1½"-2", 50c.

1"-1¼" flowering..... **35c**



## LITHOPS BELLA

The Stone faces are amongst the most strange and curious of all plants for they imitate the pebbles among which they grow both in shape and coloration. They are also true "window plants." Some are red, others dove, green, tan, etc. Sunny window. Nice..... **30c**

## LITHOPS

You can grow a dozen kinds in a 6-inch pan! Use a quite sandy soil. They start to grow in September.

L. alpina .....	25c
L. Aucampiae .....	35c
L. fossulifera .....	35c
L. Fulleri .....	35c
L. fulviceps .....	25c
L. karasmontanum .....	35c
L. Leslei .....	35c
L. Marthae .....	35c
L. Mickbergensis .....	40c
L. opalina .....	35c
L. Schwantezii .....	25c
L. turbiniformis .....	35c



## HAIRY STARFISH FLOWER

A lovely bright desert star, Stapelia hirsuta is one of the most fascinating of succulents. At home in the window garden, blooming freely the first year. Nice potted plants..... **35c**



## Knobby Tiger's Jaws

## KNOBBY TIGER'S JAWS

Each leaf bears tubercles on the upper surface and teeth on the margins. Faucaria tuberculosa bears yellow flowers in the autumn. Sandy soil, sun or shade, not too much water. Flower-size..... **35c**



## CHRIST THORN

The lovely scarlet flowers of Euphorbia splendens are familiar to all. An old window garden favorite, growing easily and blooming well in any sunny window. Likes a rich but porous loam and a generous supply of water in summer. Potted plants. Large 12"-15" 75c; 8"-10" 50c; 5"..... **35c**



## MEXICAN GEM

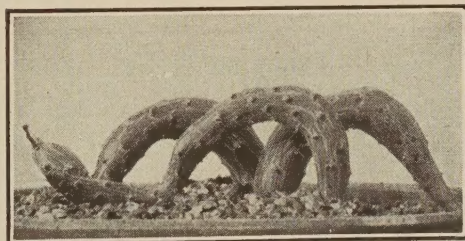
Close rosettes of powdered white, spoon-shaped leaves. Echeveria elegans' colors are brightest in full sun. Nice rosettes..... **30c**



## SILVER CROWN

Cotyledon undulatum

The beautiful wavy leaves of this rare succulent are thickly covered with white powder. Every leaf has an undulate, rolled margin. In the spring the bright bells are produced. Makes a handsome specimen plant. Grows easily in any sunny window. A native of South Africa. Likes a loamy soil, moderate waterings. Stands considerable frost in California. Our plants are true. Nice plants 50c and..... **35c**

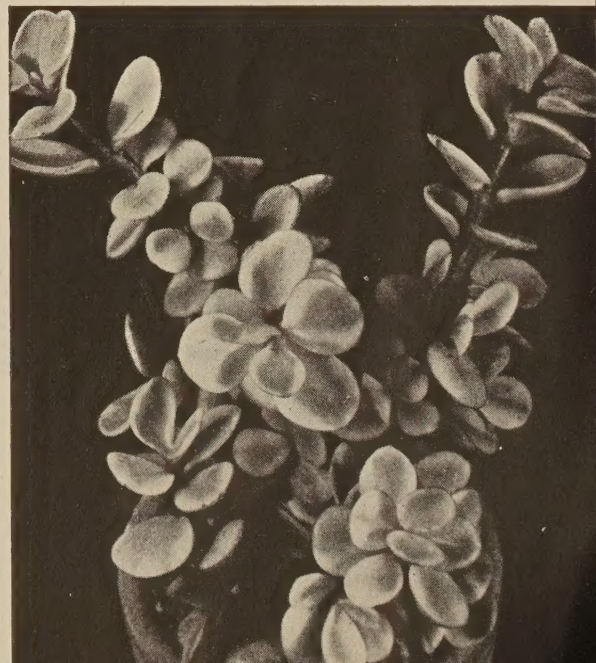


## INCH WORM PLANT

The curious Klienella pendula seems to be undecided as to whether it belongs to the animal or plant world. The stems loop up and down as they go forward just like an inch worm. Bears large carnation-like flowers. Sandy soil, sun or part sun. In winter keep on dry side. Each..... **35c**

## SENECIO SCAPOSUS

Silvery white clusters of cylindrical leaves. Rare..... **50c**

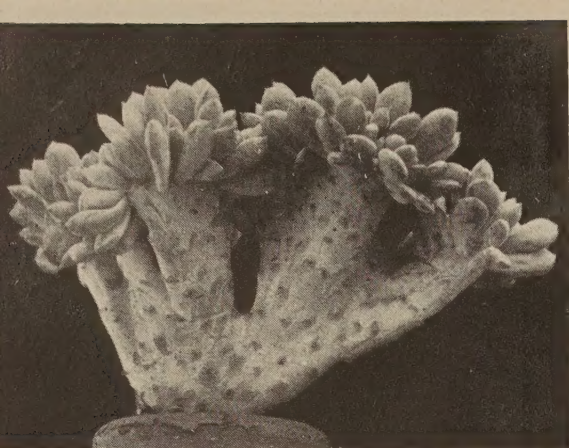


## RAINBOW BUSH

Portulacaria afra tricolor

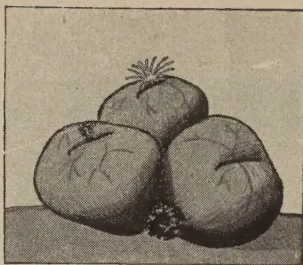
A handsome rainbow-hued plant of yellow, cream, green and pink. Each dainty leaf attached to the fat, mahogany red, jointed stems. Portulacaria afra var. tricolor likes generous treatment. 3"-5" potted..... **30c**





#### COCKSCOMB PLANT

The fan-shaped stems are very much crested and waved, bearing along their crests numerous blue-white leaves. *Pachyveria clavifolia cristata* makes a fine specimen. 1½"-2" crests. **35c**

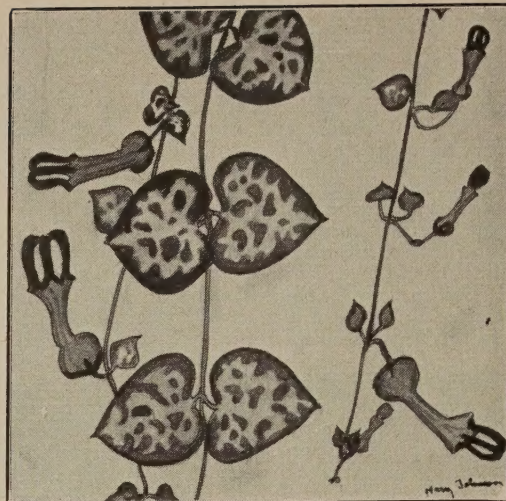


*Conophytum giftbergensis* 50c and..... 35c



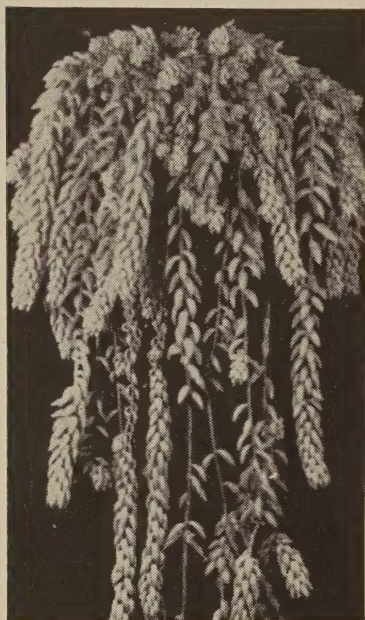
#### PINK BUTTONS

A very quick growing plant, *Crassula marginata* will trail. Sun or shade. **25c**  
Each.....



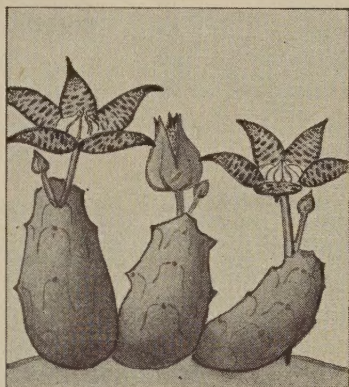
#### HEART VINE

The leaves are prettily marbled with silver. Hangs down in long trailing curtains. *Ceropegia Woodii* thrives in any window. Curious blossoms all the year. Springs from a small tuber. Likes moisture, sun or part shade. Potted. **35c**



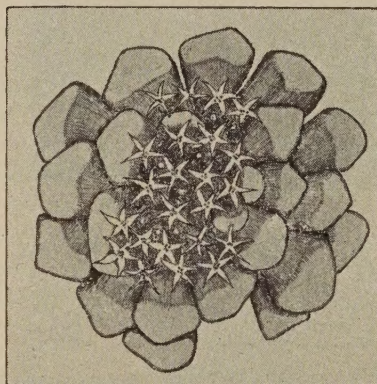
#### BURRO TAIL

A lovely plant whose lambent, pendulous tassels of palest silver have won it a place in the choicest collections. Very easy to grow. *Sedum Morganianum* makes a perfectly glorious specimen, the tassels reaching 3 feet in length. Likes moisture and a cool rather than hot situation. Each. **35c**



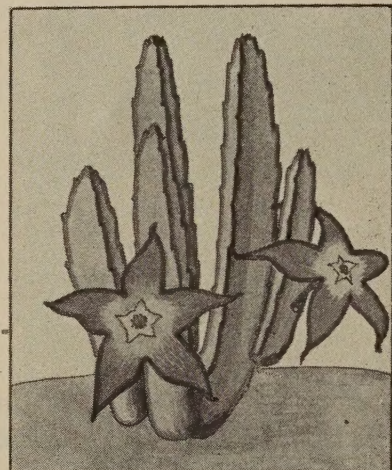
#### YELLOW STARLETS

A pretty dwarf plant, *Piaranthus Pilsnii* is related to the Starfish Flowers, with erect, star-like yellow blossoms. Small egg-shaped stems of coppery green. Very free flowering. Small clusters. Each. **35c**



#### FOAM FLOWER

A very rare mimicry plant, *Crassula mesembrianthemopsis* has white, "shaving brush," muskily sweet flowers borne in December. The white, short leaves are sandpaper tipped. You will enjoy this odd gem. Large flowering specimens. **35c**



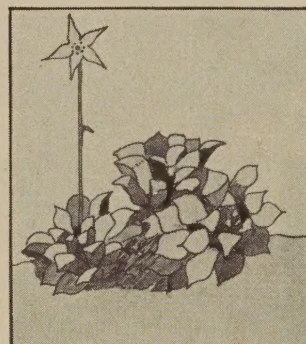
#### STAPELIA DIVARICATA

A very pretty dwarf free flowering species with pretty pink flowers an inch in diameter. Light soil. Sunny window. Flowering size. **35c**



#### CHAIN PLANT

*Tradescantia navicularis* bears bright pink flowers. With summer growth it becomes a creeper. Grows in sun or shade. It is named from its boat-shaped leaves. Each. **25c**



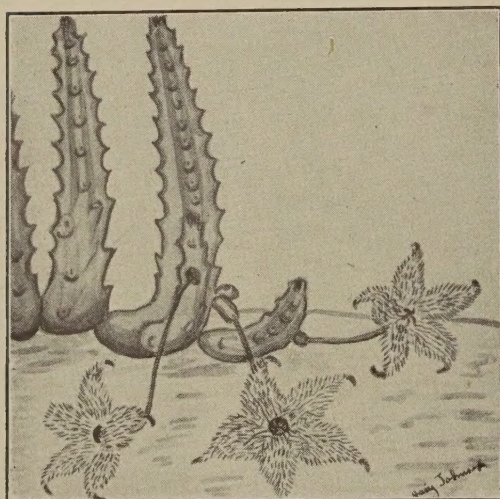
#### WOOLLY SAND ROSE

The tiny *Anacampseros tomentosa* seldom reaches an inch tall. The leaves are covered with wool. Five year old plants. **35c**



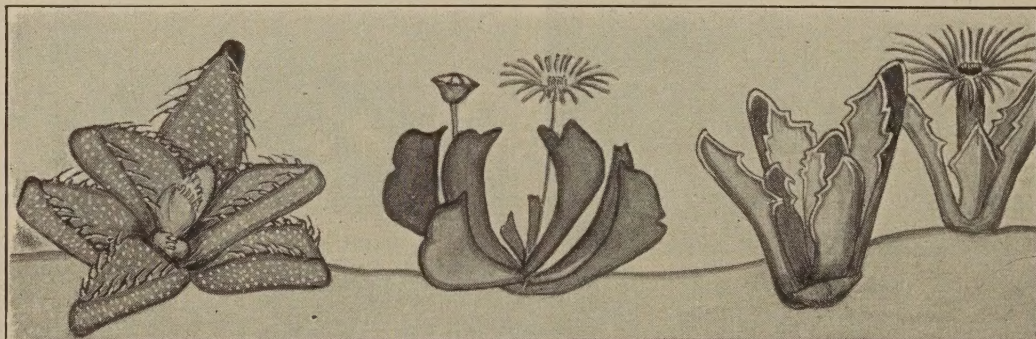
#### NECKLACE VINE

*Crassula perforata* bears leaves strung like beads. A great and easily grown favorite, 2 for. **35c**



#### RED TIGER JAWS

A new and distinct innovation recently introduced by us. The leaves are tinged with red, particularly in the cold winter season. Bright yellow flowers in September. Sun and light soil. Flowering size. **35c**



#### SHRINER PLANT

Odd scimitar shaped leaves. *Here-roa Nelii* was named after a tribe of West African Negroes. Forms much branched clusters. Flowers yellow in spring. Semi-sun with moderate watering. Flowering size. **25c**

#### BANDED TIGER JAWS

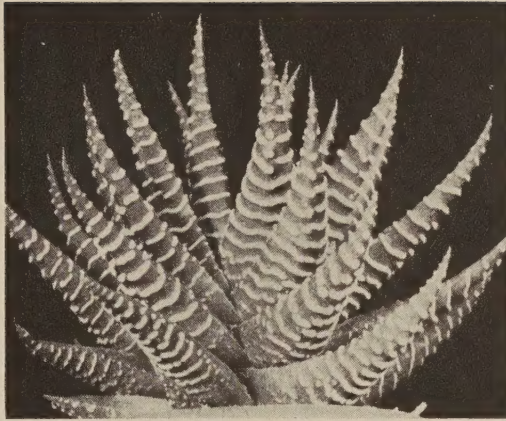
A well-marked species, *Faucaria albida* has blue-green leaves margined with white. Flowers large clear yellow in October. A collection of Tiger Jaws is very interesting. Flowers easily. **35c**





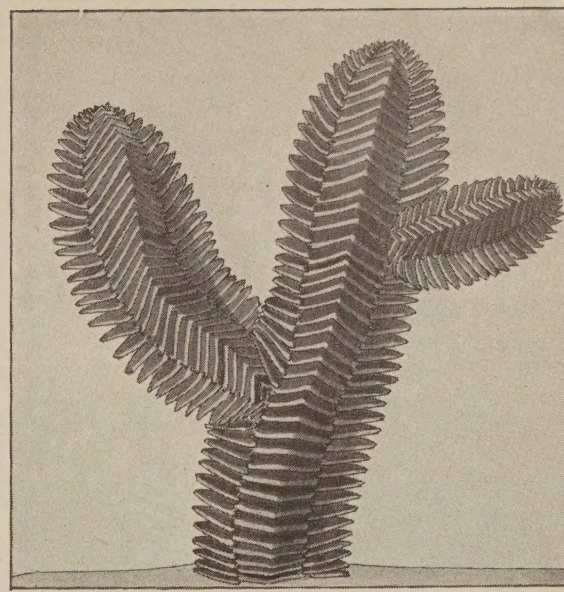
### ARAB'S TURBAN

Crassula hemisphaerica is curious, odd and easy to grow. Fine plants 35c and..... **25c**



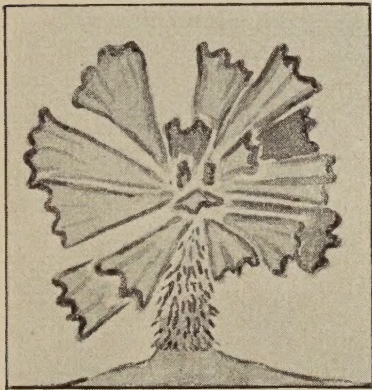
### ZEBRA HAWORTHIA

The charming Haworthia fasciata is much sought after because of the pearly white, raised lines banding the pointed, leathery leaves. All the Haworthias like quite sandy soil. Don't keep too dry. Each..... **35c**



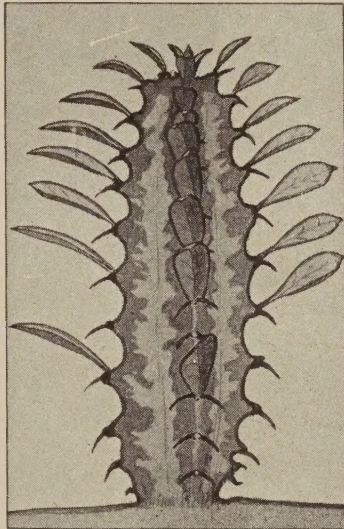
### PYRAMID CRASSULA

Every fancier covets the striking Crassula pyramidalis. This rare succulent is the extreme of laminate leaved types. Fragrant, white shaving-brush flowers. Part shade. Nice..... **75c**



### ADROMISCHUS CRISTATUS

A rare and unusual plant. Nice specimens 50c and..... **35c**



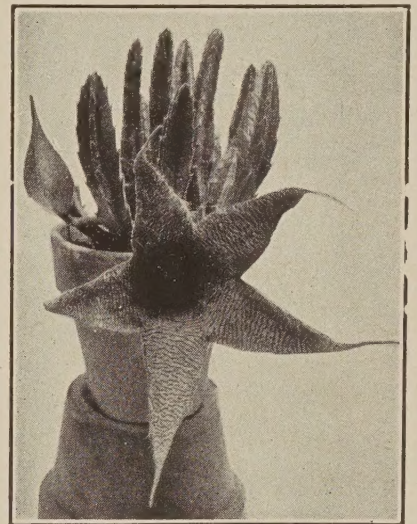
### MILK TREE

Euphorbia Hermentiana has natural green and white variegations. A fine easy grower in sun or part shade. Nice, 50c and..... **35c**



### POLKA DOT ALOE

Nicely spotted with white. A very pretty plant. Flowers yellow in tall spikes. Grows into a fine rosette. Sandy soil. Sun or part shade. Nice..... **25c**



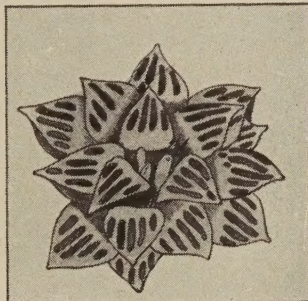
### GIANT STAR FLOWER

One of the largest flowers in nature! Often 16 inches across yet on a very small plant. You can grow and flower Stapelia gigantea in a 4-inch pot. This African succulent thrives in a sunny window. Sandy soil, moderate watering. Each **35c**



### RATTLESNAKE CRASSULA

The rare Crassula teres is seldom seen. A handsome small plant with fragrant white flowers. Not hard to grow. Well-drained loam soil. Branched, 35c. Nice..... **25c**



### PYGMY WINDOW PLANT

Haworthia turgida has "windowed" leaves. Very sandy soil, part shade. Nice..... **30c**



### JEWEL PLANT

A lovely mimicry plant often becoming highly colored in winter. Titanopsis calcareum likes a sunny window. Three year old 35c. Flowering..... **25c**  
White Jewel Plant. Titanopsis Schwantesii. Lovely white leaves..... **35c**

### ODDS AND ENDS

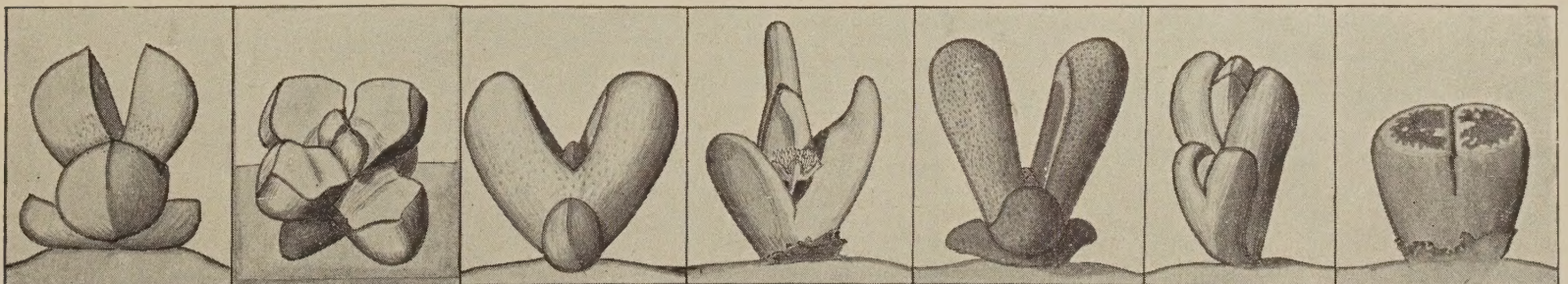
#### Collection No. T19

12 different, unlabeled plants from our packing tables. A bargain assortment..... **\$1.50**

### MIMICRY PLANTS

#### Collection No. T6

7 of the best mimicry plants. Stone Face, Jewel Plant, Split Rock, Silver Skin, Flowering Stone, Karoo Rose, etc..... **\$1.50**



### DINTERANTHUS PUBERULUS

Charming African Stone Plant. Leaves white tinted pink. Blossoms bright yellow in fall. Fine Large..... **25c**

### KAROO ROSE

The lovely Lapidaria Margaretae with carved white leaves flushed with rose. Golden blossoms borne in September. Fine plants..... **25c**

### FLOWERING STONES

Dinteranthus inexpectatus closely resembles the white pebbles among which it grows. Golden flowers. Fine..... **25c**

### GIBBAEUM

Curious mimicry plants with rosy lilac flowers and very unequal leaves. Form clusters of fat leaves. Each..... **25c**

### PLIEOSPILOS HILMARI

Fat copper-red leaves like jasper pebbles. Large golden blossoms borne from August to September. Nice colored plants..... **25c**

### PEBBLE PLANT

The Rimarias are like smooth green chert pebbles. Cluster forming. Flowers white or pink..... **25c**

### STONE FACE

Lithops are the jewels among succulents. Lovely patterned windows on top in brown, gray, rust red, white or green. Just like colored pebbles. Nice plants, each..... **25c**





#### CHENILLE PLANT

At all seasons Echeveria pulvinata is a dainty beauty, the leaves and stems densely covered with a soft plush of fine hairs and tipped and margined with rich red. It flowers in midwinter, the bells large and brightest crimson. One of the prettiest plants in our houses. Each..... 30c

#### SUCCULENTS FOR THE AMATEUR

A fine book describing over 800 kinds of Succulents; 167 pages crammed with information; 400 illustrations, 85 in color. Every collector should have this book to refer to.

Cloth binding. Postpaid..... **\$3.15**

#### CACTI FOR THE AMATEUR

110 colored cacti pictures plus 150 photos. A fine book on cactus culture. Cloth binding. Postpaid..... **\$3.15**



#### AFRICAN LIVING ROCK

Curious leaves like splintered granite. Pleiospilos simulans grows easily, flowering the first year. Sunny window, sandy soil, not too much water. Nice plants 30c



#### TRICOLORED JADE PLANT

A lovely rainbow hued succulent which will grow almost anywhere. This is a real beauty which will brighten up any group it is placed with. Leaves striped pink, yellow, green and cream. Crassula argentea var. tricolor will grow in sun or shade. Colors best with sun and poor soil. Moderate watering. Each..... 35c



#### WART PLANT

The Haworthias make fine window plants. Give them a quite sandy soil and partial shade. H. subfasciata has small white dots on the dark green, leathery leaves. 2-3 inch, 35c. 1 1/2 inch..... 25c

#### SILVER CHENILLE

Similar to the Chenille Plant but with silvery plush covering the emerald-green leaves. Beautiful scarlet bells in long spikes in January. Echeveria plumosa is a splendid plant. Each..... 30c

#### MOONSTONES

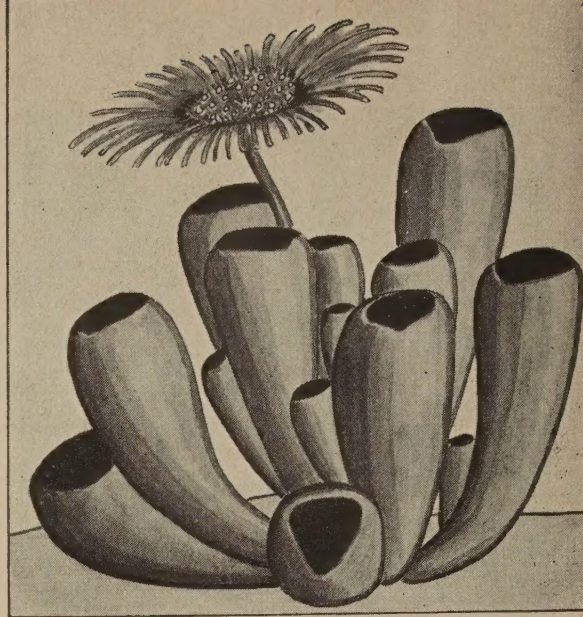
The plump white leaves are chiseled from alabaster, their glaucous surface gently suffused with lavender tints. Pachyphytum oviferum var. Grows easily and every fallen leaf will make a plant. Nice..... 25c

#### TIGER ALOE

Aloe variegata or Partridge Breast is one of the best small rosette type plants with fat white spotted leaves. Fine plants, 35c and..... 25c

#### LOVE PLANT

Anacampseros lanceolata has a small rosette of thick green leaves and graceful, large pink blossoms like single roses. Easily grown in sun or shade. Flowering..... 25c



#### BABY TOES

An odd "window plant" with daisy-like, white blossoms. Each leaf of Fenestraria rhopalophylla has a clear window at the tip. Cultural directions sent with each plant. Real curiosities and a source of unending interest. Full sun. Potted, each..... 40c

Orange Baby Toes. Similar with shorter leaves and orange yellow blossoms. Potted..... 50c

#### CACTUS AND SUCCULENT JOURNAL

Subscribe to this fine magazine. Keep up to date on what is going on in the cactus world. With it comes membership in the Cactus and Succulent Society of America. Cultural data, splendid photographs, 6 double issues a year. Popular as well as scientific articles about our hobby for over 20 years. A "must have" for the nature lover. Year's subscription..... **\$3.00**



#### PAINTED LADY

A popular winter and spring blooming succulent Echeveria Derenbergii. Grows easily for everyone. White leaves margined with red. Sandy soil, moderate waterings, some summer shade. Flowering size, 35c and..... 25c

### CURIOSITY COLLECTION No. T7.

The six plants below. You will enjoy planting this easily grown group in a pot or bowl for a cheerful breakfast nook. All six..... **\$1.25**

#### PEANUT CACTUS

Easy to grow, fast forming many headed specimens. Flowers large, bright red. Each..... 25c

#### PINCUSHION

Grows quickly in sun or part shade. Flowers when small. Each..... 25c

#### BIRD'S NEST

Curling yellow spines. Long slim nipples. Flowers yellow. Each..... 25c

#### RED DRAGON FLOWER

Cluster forming. Flowers red and black..... 25c

#### CHRISTMAS CHEER

Grows anywhere. Colors best in dry, poor soil. Each..... 25c

#### FLOWERING PINCUSHION

Handsome carmine flowers in spring. Easy to grow and flower. The Mamillarias are very satisfactory for the beginner. Nice plants, 35c. Smaller..... 25c

